

# **LaSalle COLLEGE**



**1979-80  
EVENING DIVISION  
BULLETIN**

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The following offices may be reached directly by dialing 951 and the four digit extension.

Admissions Office-Evening Div. & Summer Sessions Mr. King	College Hall 110	1234
Art Gallery	Olney Hall-Lower Level	1221
Athletic & Recreation Dept.	Hayman Hall	1515
Bursar's Office (for Tuition, etc.)	College Hall 101	1055
Campus Ministry	College Hall-Lower Level	1048
Campus Store-Main Store	Union 1st Floor	1395
Campus Store-Textbook Sales	East Stands	1397
Career Planning & Placement Office	Benilde Hall, 2nd Floor	1075
Computer Center	College Hall 216	1045
Continuing Education for Women Mrs. Lawrence	College Hall-Lower Level	1060
Dean, Evening, Weekend & Summer Brother Claude Demitras	College Hall 110	1234
Financial Aid Office (Student)	Benilde Hall-1st Floor	1070
Library-Main	Library	1292
Library-Annex	Wister Hall-1st Floor	1295
Lost & Found	Union Bldg. Office	1375
M.B.A. Program Dr. Kane	College Hall 210	1057
Registrar (for transcripts, grades, etc.)	College Hall 107	1020
Security	20th St. Entrance	1111
Union Director's Office	Union-1st Floor	1375
Urban Study Center	5501 Wister St.	1577
Veterans Affairs Office	McCarthy Hall	1353



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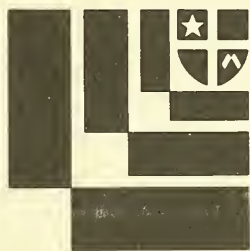
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Number 3

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# **Lasalle COLLEGE**



## **BULLETIN**

### **EVENING DIVISION**

**ANNOUNCEMENT**  
**1979-1980**

CURRICULA IN  
LIBERAL ARTS  
SCIENCE AND  
BUSINESS  
ADMINISTRATION

*A Catholic College Conducted by  
The Brothers of the Christian Schools*

# ACADEMIC CALENDAR

## FALL TERM 1979

Aug. 28	Tue	In-person registration for those who did not complete
to 30	Thu	tuition payment or roster. 6:30 - 8:30 P.M. Union Ballroom.
Sept. 8	Sat	Saturday A.M. and P.M. classes begin.
		In-person registration for Weekend Campus 9:30-11:00 A.M. Registrar's Office 107 College Hall.
		Required organizational meetings for 6 Saturday classes: Series A 10:00-11:00 A.M.; Series B 11:15 A.M.-12:15 P.M.
		I.D. card pictures taken 11:00 A.M. to 1:00 P.M. in College Union Lobby. Validated matriculation receipt must be shown as proof of fee payment.
10	Mon	Evening Classes begin. Late registration and change of roster begins in Registrar's Office 107 College Hall 5:30 - 8:00 P.M.
13	Thu	Last date for late registration and change of roster. Registrar's Office, 107 College Hall 5:30 - 8:00 P.M.
15	Sat	Orientation for New Students.
		First full class meeting for 6 Saturday Series A classes.
17	Mon	Last date to pre-register for CLEP examinations for Oct. 20.
20	Thu	Last date to sign for pass/fail option in free elective courses. Evening Division Office.
22	Sat.	First full class meeting for 6 Saturday Series B classes.
Oct. 5	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available (951-1234).
18	Thu	Last date to pre-register for November 17 CLEP.
20	Sat	CLEP Examinations. (Pre-registration by Sept. 17 required)
26	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
31	Wed	Mid-Semester grades due.

Nov. 7	Wed	Last date to withdraw from courses without penalty of failure. Written withdrawal must be filed in Evening Division Office.
8	Thu	Last date to pre-register for December 15 CLEP.
16	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
17	Sat	CLEP examinations. (Pre-registration by Oct. 18 required)
Nov. 21 to 25	Wed Sun	Thanksgiving Holiday.
Dec. 7	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
13	Thu	Fall semester classes end at 10:15 P.M.
15	Sat	CLEP examinations. (Pre-registration by Nov. 8 required).
15 to 20	Sat Thu	Fall Semester Final Examinations.
19	Wed	Final date to complete Spring registration by mail.
21	Fri	Snow emergency examination night if needed.

**SNOW EMERGENCY NUMBERS**  
**MAIN CAMPUS EVENING DIVISION 2105**  
**LA SALLE NORTHEAST 2168**

## SPRING TERM 1980

Jan.	2	Wed	Grades due in Registrar's Office by 9:00 A.M.
	7	Mon	In-person registration for those who did not complete
	to 9	Wed	tuition payment or roster. 6:30 - 8:30 P.M. Union Ballroom.
	11	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
	14	Mon	Evening classes begin. Late registration and change of roster Registrar's Office, 107 College Hall 5:30 - 8:00 P.M.
	17	Thu	Last date to pre-register for CLEP examination for Feb. 16.
	17	Thu	Last date for late registration and change of roster. Registrar's Office, 107 College Hall 5:30 - 8:00 P.M.
	18	Fri	Last date for changing fall semester grades and for removal of "I" grades.
	19	Sat	In-person registration for Weekend Campus 9:30 - 11:00 A.M. Registrar's Office. 107 College Hall. Saturday A.M. & P.M. Classes begin. Required organizational class meetings for 6 Saturday classes: Series A 10:00 - 11:00 A.M.; Series B 11:15 A.M.-12:15 P.M. Orientation for New Students.
	24	Thu	Last date to sign for pass/fail option in free elective courses Evening Division Office.
	26	Sat	First full class meeting for 6 Saturday Series A classes.
Feb.	2	Sat	First full class meeting for 6 Saturday Series B classes.
	7	Thu	Last date to pre-register for CLEP examination for Mar. 15. N.B. Mar. 15 CLEP is last CLEP examination open to May 1980 graduating seniors.
	8	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
	16	Sat	CLEP examinations. (Pre-registration by Jan. 17 required)

	29	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
Mar.	3	Mon	
	to 7	Fri	Mid-semester Holiday.
	11	Tue	Mid-semester grades due.
	13	Thu	Last date to withdraw from courses without penalty of failure. Written withdrawal must be filed in Evening Division Office.
	14	Fri	Last date to pre-register for CLEP examinations for Apr. 19.
	15	Sat	CLEP Examinations. (Pre-registration by Feb. 7 required.) Last CLEP open to May 1980 graduating seniors.
	21	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
Apr.	2	Wed	Easter recess begins at 10:15 P.M.
	8	Tue	Classes resume.
	18	Fri	6:45 P.M. Make-up examinations. Check with Evening Division Office by 3:00 P.M. Thursday to be certain that a make-up examination is available.
	19	Sat	CLEP Examinations (Pre-registration by Mar. 14 required)
	24	Thu	Spring Semester classes end at 10:15 P.M.
	26 to	Sat	
May	1	Thu	Final Examinations.
	5	Mon	Senior grades due at 9:00 A.M. in Registrar's Office.
	9	Fri	Last date to pre-register for June 21 CLEP.
	11	Sun	Commencement at 4:00 P.M.
	12	Mon	Underclass grades due at 9:00 A.M. in Registrar's Office.
	16	Fri	Make-up examinations for Spring semester.





*Brother Patrick Ellis, F.S.C., Ph.D.*  
*President*  
*Elected, December 18, 1976*  
*Innaugurated, March 20, 1977*



# The College

La Salle's history had its modest beginning in the year 1863. It was in that year that the state granted the College a charter and the Christian Brothers brought the new institution into being. Its nucleus was the Academy conducted by the Brothers as an annex to St. Michael's Parochial School. In the years which followed, the College outgrew locations—the parish site, a site at Broad and Juniper Streets, and the old Bouvier mansion at Broad and Stiles Streets. The College purchased part of Wister Farms in 1929 and began operating at its present site the following year, only to be faced with the dark years of the Great Depression. The war years which followed were even worse in their depletion of the student population of all-male colleges. With the end of World War II, however, La Salle faced a completely different kind of problem. The influx of veterans taking advantage of the G.I. Bill strained facilities to the utmost, but the College met this challenge successfully and began a carefully-planned development program to make ready for the expanding enrollments of the future.

The Evening Division was inaugurated in 1946 in response to the needs of industry throughout the Delaware Valley; within 10 years evening classes were utilizing every available inch of classroom space.

In 1952, a new library was erected; and the following year the first of five new dormitories was opened to resident students. By 1955 the rapid growth of the College made it necessary to reorganize the administrative pattern into separate schools of Art and Sciences, Business Administration, and the Evening Division.

Further steps in the physical development of La Salle were the College Union, opened in 1959; The Roland Holroyd Science Center, 1960; two new residence halls, 1962; Olney Gardens, a local apartment complex, purchased and converted to a residence hall in 1964; a new student chapel in 1965; and two new student residence halls opened in September, 1966. Olney Hall, a new classroom building, opened in September, 1971. A new physical recreation center, Hayman Hall, opened during the fall of 1972.

Since February, 1967, women students have been accepted into the previously all male Evening Division.

## PHILOSOPHY AND OBJECTIVES

La Salle College offers students an education founded on the idea that man's intellectual and spiritual development go hand in hand, complementing and fulfilling one another. The basic purpose of the College is a free search for truth and the development of materials and skills necessary for the search; its religious concern is an extension of that purpose. In a company of mature teachers and scholars, the College urges the student to confront the ultimate questions of human experience: who he is; where his destiny lies; how he is to reach it.

La Salle is committed to a liberal education of both general and specialized studies. It wants its students to liberate themselves from narrow interests and prejudices and to learn to observe reality with precision, judge events and opinions critically, think logically, communicate effectively, and sharpen esthetic perception. The curriculum involves a body of knowledge about the universe; about man—his nature, behavior and values; about God. It also provides an opportunity to gain specialized knowledge in one field of learning as a preparation for graduate study or entry into professional life. Beyond this breadth and depth of knowledge, the College encourages its students to seek wisdom, that is, to grasp those basic principles which can give order to particular facts.

As a private Catholic college, La Salle pursues these aims in a religiously diverse community of teachers and students interested in studying secular subjects in their autonomy, undertaking religious studies in a systematic way, and investigating what interrelations these subjects may have. The community also engages in programs in which the students' personal, social and religious values may take root and in which the students may grow in mature attitudes and behavior in all human relationships. The ultimate hope of the College is that its graduates will be ready for informed service and progressive leadership in their communities and will be able to fulfill the immediate and final goals of their lives.

## ACCREDITATION AND MEMBERSHIP

La Salle College was chartered in 1863 by the Legislature of the Commonwealth of Pennsylvania and is empowered by that authority to grant academic degrees. It is accredited with the Middle States Association of Colleges and Secondary Schools, the Pennsylvania Department of Education, the Regents of the University of the State of New York, the American Chemical Society, and the Pennsylvania State Board of Law Examiners.

The College is a member of the American Chemical Society, the American Council on Education, the Association of American Colleges, the College Entrance Examination Board, the American Association of Collegiate Registrars and Admissions Officers, the Association of College Admissions Counselors, the National Catholic Education Association, the College and University Council of Pennsylvania, the Association of Liberal Arts Colleges of Pennsylvania for the Advancement of Teaching, the Pennsylvania Catholic Education Association, the American Library Association, the National Commission on Accrediting, the American Catholic Historical Society, the Educational Conference of the Brothers of the Christian Schools, the National Association for Foreign Student Affairs, the Association of University Evening Colleges, and the North American Association of Summer Sessions.

# Evening Program of the College

## THE SPECIAL PURPOSE OF THE EVENING DIVISION

The particular purpose of the Evening Division of La Salle College is to afford the opportunity for an education to those who are unable to attend college during the day, but who recognize the value of an organized program of studies as a means of increasing their knowledge, broadening their perspective, and developing their abilities for successful living.

The program of the Evening Division has been planned to meet the needs of a student body which, for the greater part, is mature in experience and motivation. Although the objectives of the Evening College are not distinctively different from those of the Day College, they have been modified in some detail to provide for the adult character of the student body. Thus, the Evening Division endeavors to meet the educational needs of those who, necessarily, have varied backgrounds, who are mature in motivation and in determination to attain an academic degree.

The La Salle College Evening Division, therefore, aims to equip its students to achieve greater vocational competence by solidifying their educational experience on the buttresses of accredited college courses oriented toward the Bachelor's degree.

Because all courses are college credit offerings, the curriculum is centered on the concept of college education for adults, rather than a less academically controlled program of "adult education." Through the college curriculum, the Evening Division aims, in addition, to prepare its students for positions of greater responsibility and to help meet the needs of employers for personnel with a college background. The program seeks also to foster independent thinking which will result in individual growth toward better comprehension of personal and social problems, for improved adjustment to the stresses of competitive living, and for more effective contributions to a community in which there is extensive industrial and commercial activity.

## **Admission**

Applicants who, in the opinion of the Committee on Admissions, are qualified to profit by the educational program of the College are admitted to the Evening Division. In determining the admission of an applicant consideration shall be given to past scholastic record, present scholastic aptitude, experience and character recommendations.

All applicants are required to take a series of entrance examinations. The results of these examinations provide the Committee on Admissions with basic information for evaluating verbal and mathematical aptitudes, reading skills, and the extent of achievement in English and Mathematics. The schedule of dates for the administration of entrance examinations will be given to each applicant upon the receipt of his application. An exception to the regulation is made for honorably discharged veterans of the United States armed forces.

Attendance at La Salle College is a privilege and not a right. The College, therefore, reserves the right to refuse admission to any applicant or to require the withdrawal of any student when it deems his presence among the student body inimical to the ideals of the College or to the observance of its regulations.

La Salle College does not discriminate against any applicant for admission to the College because of race, color, creed, national origin, or physical handicap. Admission to La Salle College is based solely upon an applicant's qualifications and ability to meet the educational and other established admission requirements.

### **PERIOD OF ADMISSION**

Applicants will be accepted each year for the summer, fall and spring semesters beginning in May, September and January. A prospective student should file an application form and a transcript of his high school record or previous college record in the Admissions Office. The forms for application and high school transcript may be obtained from the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.

### **CLASSIFICATION OF APPLICANTS**

Students are admitted to the Evening Division according to their qualifications, under the following classifications:

1. Candidates for the degree of Bachelor of Arts.
2. Candidates for the degree of Bachelor of Science in Applied Mathematics, Business Administration, Chemistry, or Electronic Physics.
3. Candidates for the Associate in Arts, Associate in Science in Business Administration, or Associate in Science.
4. Candidates may be admitted as special or non-matriculant students to take isolated courses without reference to degree requirements. These applicants must conform to the general admission requirements and satisfy the Committee on Admissions that their qualifications, experience, and aptitude are adequate to follow the selected courses successfully.

## ADMISSION PROCEDURE

To be admitted to the Evening Division of La Salle College, the applicant who is entering college for the first time must comply with the following procedure:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$15.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.
2. Obtain a High School Transcript form and send it to the high school from which you have graduated with a request that it be completed and returned to the Admissions Office, as directed on the form.
3. Upon the receipt of the application form, you will be notified of the dates and the nature of the entrance testing program, and of any further conditions which must be satisfied before you will be granted admission to the College.
4. The applicant will be notified finally of the decision of his admission.
5. A successful applicant will be notified of the dates of registration.

An honorably discharged veteran who has not attended any academically accredited institution since discharge from the armed forces may be admitted to the Evening Division under a special policy. Under the Veterans Open Admissions Policy the applicant must comply with the following procedure.

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$15.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141. A photocopy of your DD-214 Form must be submitted with the Application for Admission.
2. Obtain a High School Transcript form and send it to the high school from which you have graduated with a request that it be completed and returned to the Admissions Office, as directed on the form. A photocopy of a State Equivalency Diploma may be submitted in lieu of a high school record.
3. Request a transcript from any college or university attended prior to your entering military service and have it sent to the Admissions Office.
4. Telephone the Admissions Office and arrange for a personal interview with the Director of Admissions for the Evening Division.
5. The applicant will be notified finally of the decision on his admission.
6. A successful applicant will be notified on the dates of registration.



## ADMISSION REQUIREMENTS

### Bachelor of Arts and Bachelor of Science Degrees

To qualify for admission as a candidate for the degree of Bachelor of Arts or Bachelor of Science, the applicant must satisfy the general requirements for admission, and his scholastic record must show the completion of sixteen units of study either in an accredited high school or by certification by a State Department of Education.

Of these sixteen units, at least ten should be distributed as follows:

English .....	4 units
History .....	1 unit
Mathematics .....	2 units
Modern Language (see below) .....	2 units
Natural Science .....	1 unit

The remaining six units may be distributed as follows:

- (1) Applicants for the Liberal Arts Program may present six additional units in academic subjects.
- (2) Applicants for curricula in Business Administration may present six additional units in academic or commercial subjects. Typing is not acceptable.
- (3) Applicants for curricula in Science may present six additional units in academic subjects. The units in Mathematics must include two in Algebra and one-half in Trigonometry.

Exceptions may be made to the secondary school requirements in those cases in which the applicant is otherwise well qualified, or in which a State Department of Education Equivalent High School Diploma has been obtained.

### Associate Degree

The Associate Degree programs are intended for students who wish to spend only a few years in the Evening Division and who desire a course of study that will assist them in their particular field of interest or in their employment. The course requirements for the programs are listed with the department's offerings and course descriptions.

Associate degree students may transfer to the status of full degree candidacy without loss of previously earned credit if they have met all the requirements for degree candidacy at the time of admission. However, the College reserves the right to accept or reject for degree credit any course taken before the entrance requirements for the degree have been satisfied.

## ADMISSION WITH ADVANCED STANDING

An applicant who has attended another college or university may be admitted with advanced standing credit according to the following conditions:

1. The institution awarding the original credits must be a degree granting institution accredited by one of the Regional Accrediting Associations.
2. A course must be approved for transfer. This approval is granted by the Evening Division Admissions Office, in consultation where necessary with the various department chairpersons.



3. The student must have attained a grade of "C" or higher in the course.
4. La Salle College reserves the right to refuse admission with advanced standing for whatever reason it may deem proper.
5. A maximum number of 70 credits normally may be transferred to La Salle College's Evening Division from another college. A request for more than 70 credits in transfer must be handled by the Dean of the Evening Division, who will decide whether the circumstances in a particular case warrant granting the request.
6. A student must complete at least half his major courses at La Salle. Major courses are those listed in the La Salle Evening Division catalog at the beginning of each department's course descriptions.
7. Applicants for Advanced Standing should have all credentials filed in the Admissions Office at least two weeks before the beginning of the registration period.
8. Advanced Standing is granted for specific semester credit hours, but not for grades received from another institution. Thus, a specific number of semester credit hours may be accepted from another institution, but the academic index is determined only by grades achieved at La Salle College.

### **PROCEDURE FOR ADMISSION WITH ADVANCED STANDING**

Applicants who have attended another college or university must comply with the following admission procedure:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$15.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.
2. Request the high school and the college or university which you have attended to send transcripts of your records to the Admissions Office, as directed on the form.
3. Upon the receipt of the application form, you will be notified of the dates and the nature of examinations which you may have to take, or of any further conditions which you must satisfy before admission.
4. The applicant will be notified of the action of the Committee on Admission.
5. A successful applicant will be notified of the extent of advanced standing credit which will be granted and of the dates of registration.

## WEEKEND CAMPUS

In the Fall semester of 1975 La Salle College introduced its Weekend Campus to provide the mature, highly motivated adult with an alternative to the traditional class arrangement of weekday day or evening classes. Under the direction and supervision of the Dean of the Evening Division, the Weekend Campus offers courses on the following convenient schedules:

1. A semester of *Saturday mornings*. Classes meet every Saturday from 9:00 A.M. to 11:45 A.M. through the term.
2. A semester of *Saturday afternoons*. Classes meet every Saturday from 12:30 P.M. to 3:15 P.M. through the term.
3. *Six Intensive Saturdays*. For the convenience of the student two (2) series of Six Intensive Saturdays are offered each semester. Series A has a required organizational meeting with the instructor from 10:00 A.M. to 11:00 A.M. and Series B from 11:15 A.M. to 12:15 P.M. on the opening Saturday of each semester. At the required organization meeting with the instructor on the opening Saturday of the semester, the student has the opportunity to gain an overview of the course and receive the syllabus in order to prepare for the first full day of class meeting. The full class meetings are from 9:30 A.M. to 4:30 P.M., with an hour for lunch, on each of six Saturdays spaced through the term. The dates for each series and the courses offered are printed in the Weekend Campus Offerings section of the Roster published elsewhere in this *Bulletin*.

The Saturday morning and afternoon course offerings afford the student who wishes to attend classes only one day a week the opportunity to earn a maximum of six semester credit hours by attending both morning and afternoon schedules.

The Six Saturday schedule is designed for those who seek to earn credit hours in a highly personalized setting.

Applicants to the Weekend Campus should request an application form from the Director of Admissions, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania, 19141.

## CONTINUING EDUCATION FOR WOMEN

The CEW program at La Salle was created to smooth the way for adult women who wish to begin or resume their college education. Women may enter this program in the Day or Evening Division, whether they are interested in taking single courses or pursuing a degree. Any woman over 24 years old who has a high school diploma or equivalent is eligible to apply; no standardized examinations are required for admission. The program includes an orientation day, study skills workshops, support groups, individual counseling, academic advising, assistance in finding tutors, the availability of day care facilities, and special get-togethers for CEW students. To apply for admission through this program, contact the CEW office, located on the lower level of College Hall. The office is open from 9:30 to 8:30, Monday through Thursday, 9:30 to 4:30, Friday (951-1060).

## **Expenses**

La Salle College reserves the right to amend or add to the charges listed below at any time and to make such changes applicable to students presently enrolled as well as to new students.

### **APPLICATION FEE**

An application fee of \$15.00 is charged and due at the time of filing the application for admission. This fee covers the cost of administering the entrance examinations or the evaluation of advanced standing credit. No refund will be made on this fee regardless of the decision on admission.

### **TUITION**

The tuition charge is based upon the number of semester credit hours taken in any semester. The charge is \$66.00 per semester credit hour.

The total tuition per term is due and payable at the time of registration.

### **INCIDENTAL FEES**

#### **Transcript Fee**

Students may apply at the Registrar's Office for a transcript of their collegiate work. A fee of \$1.00 is charged for an official transcript. When several copies are requested at the same time, the fee is \$.50 for each additional copy. No transcripts can be issued until all financial obligations to the College have been satisfactorily settled.

#### **Science Laboratory Fee**

A science laboratory fee of \$20.00 is charged for each course in biology, chemistry, and physics involving laboratory instruction. This fee is used to defray the cost of laboratory supplies such as chemicals, glassware, and other laboratory equipment.

#### **Associate Degree Fee**

A fee of \$20.00 is payable by each candidate for an Associate degree.

#### **Graduation Fee**

A graduation fee of \$40.00 is payable before graduation by each candidate for a degree. This fee is to cover the cost of the diploma, the use of cap and gown, the Senior yearbook, *The Explorer*, and all other expenses incidental to commencement exercises.

### **PENALTY FEES**

#### **Late Registration**

Students are required to complete their course registration within the period set forth in the Academic Calendar.

#### **Late Examination**

Students who are absent for examinations during a semester and who then have the examination(s) administered through the Dean's Office will be required to pay a \$3.00 late examination fee.

## **Special Final Examinations**

Students are expected to take their final examinations during the regular examination period. If permission is granted for a special final examination, the payment of the fee of \$5.00 for each examination is required.

## **FINANCIAL ARRANGEMENTS**

Payment of tuition is part of the registration procedure. Approval for admission into class will not be granted until all financial matters have been settled.

If you have pre-registered, you may complete your registration either by mail or in person on campus. If there are no irregularities in your pre-registration and changes are not desired, it will be more convenient to you and the College if you complete your registration by mail.

A validated MATRICULATION CARD is official evidence on the class lists of the courses for which you have registered. Without this validated MATRICULATION CARD you will not be so listed. In order to obtain this card, you are required to pay your semester tuition and other fees.

An INVOICE covering your semester charges will be mailed to you approximately one month prior to the beginning of the semester. Payment will be due on or before the DUE DATE indicated on the invoice, which will be within fifteen (15) days following the date of the invoice.

PAYMENT BY MAIL IS PREFERRED; however, if there are irregularities in your pre-registration, or if you desire to make a change, or IF YOU HAVE NOT PAID YOUR TUITION AND FEES by the due date shown on the invoice, you will be required to pay in person.

DO NOT SEND CASH THROUGH THE MAIL. The College will not be responsible for cash sent through the mail. Pay by check, bank draft, cashier's check, money order, or credit card. La Salle College will accept VISA or Mastercharge credit cards. (These may also be used in the Campus store and Textbook store.) Payment by mail should be made in the envelope provided and mailed so as to reach the College by the due date indicated on the invoice. Payment in person, on campus, will be made at the Bursar's Office or at another designated area during the in-person registration period. When making payment in person be sure to present your entire invoice form. Failure to present your entire invoice form will cause inconvenience and delay.

If for any reason you have not met the above conditions, or if you have not received your validated matriculation card prior to the first day of in person registration, you will be required to register on one of the established dates of in person registration.

DO NOT MAIL PARTIAL PAYMENTS. Only the full payment of the invoice amount will be accepted for completion of registration by mail. Other arrangements must be made on campus.

The College does not carry open student accounts. Full payment of all expenses is a prerequisite to the completion of registration. For those who find it more convenient to pay their expenses in monthly installments, the College recommends the use of the "Study Money" loan program offered by the First Pennsylvania Bank. Applications and further information can be obtained from the Bursar's Office of the College (951-1055).

Application forms should be SUBMITTED DIRECTLY TO THE BANK, not to the College, and your application must be made at least two (2) weeks prior to the exercise of your need.

There is no application charge and interest is charged only on the amount of the unpaid balance.

“Study Money” is a revolving line of credit with the Bank and a single application will suffice for all the years of your college attendance.

The line of credit must be in even hundred dollars and all payments will be one-twelfth (1/12th) per month of the established line of credit plus interest on the unpaid balance.

Where the student has been granted a financial aid award and where the student has complied with the instructions of the Financial Aid Office with respect to the completion and return of required documents, the student's invoice will be credited with this award. Generally, the credit will be for one-half of the annual amount of the award. The amounts will be outlined in the award letter furnished the student by the Financial Aid Office. All questions regarding Financial Aid are to be directed to the Student Financial Aid Office (951-1070).

Veterans attending under the benefits of the “Veterans Readjustment Benefits Act of 1966” should contact the Office of Veterans Affairs, McCarthy Hall. This office will certify the Veteran's enrollment and attendance for each term to the Veteran's Administration. If the Veteran should withdraw and return to the College at a later term, the Veteran must notify the Office of Veteran's Affairs, in writing, of his request to again be certified to the Veteran's Administration. Veterans are required to satisfy their financial obligations to the College in the same manner as all other students.

### **Gulf Oil Foundation Student Loan Program**

La Salle College, in conjunction with Gulf Oil Foundation offers loans to students, who for personal, financial, or other circumstances, are unable or ineligible to secure assistance through conventional channels at a low rate of interest.

Students meeting the following criteria are eligible to apply for consideration:

- 1) be a U.S. citizen;
- 2) enrolled in a program of study leading to a Bachelor's Degree;
- 3) a minimum of sixty(60) credit hours completed;
- 4) taking a minimum of six (6) credit hours during each semester that funding is used;
- 5) be in good academic standing as defined by the La Salle College Admission Bulletin.

Applications are available from the Financial Aid Office (951-1070).

### **Basic Educational Opportunity Grants**

Students enrolling in a minimum of six (6) regularly matriculated college credits may apply to BEOG for eligibility consideration. Students may receive grants ranging from \$200.00 to \$1800.00 per year, depending upon enrollment status and financial need. Applications are available from the Financial Aid Office (951-1070).

### **Law Enforcement Education Program**

This federal assistance program is designed to help improve the nation's criminal justice system—police, courts, and corrections—by enhancing



the quality of criminal justice personnel through opportunities for higher education. Loans as well as grants are available to La Salle College students actively employed by a law enforcement agency and enrolled in a degree program directly related to law enforcement. Information and application forms for this program are available from the Financial Aid Office (951-1070).

### **Financial Obligations**

At the time of registration, each term, the student contracts for the full amount of his tuition regardless of the arrangement for payment. Information pertaining to tuition, finances, and financing should be sought from The Bursar's Office (951-1055).

### **Refunds**

The Refund Policy of La Salle College is stated on the reverse side of the Student Matriculation Card. This policy is rigidly enforced. Ignorance of this policy does not relieve the student of any financial obligation.

### **Financial Delinquency**

A student who is financially delinquent or against whom the College holds a record of indebtedness shall forfeit the privilege of attending class, and the College shall have the right to withhold report of grades, transcript of record, and diploma of graduation until such indebtedness is paid. A student who is financially delinquent at the close of a semester will not be permitted to register for a succeeding semester unless his account is settled.



# Academic Policies and Procedures

## REGISTRATION

Students shall register for each semester in accordance with the registration schedule as set forth in the official calendar. Detailed instructions for registration and for the rostering of courses are supplied prior to registration.

Upon the completion of registration, the student is officially enrolled in the courses rostered, and is financially responsible for the tuition charges. A student who registers during the late registration period is admitted to class by presenting the validated matriculation card issued at the time of registration. It is the responsibility of the student to follow correctly the procedure for registration and admission to class.

## IDENTIFICATION CARD

Each new student is issued an Identification Card. The ID card is required identification for the use of Hayman Hall (the physical recreation center) and the College Library.

## ROSTER REQUIREMENTS

Students in the Evening Division who maintain a satisfactory academic index are permitted to schedule a maximum of twelve credit hours in any semester. Well over sixty percent of the students, however, roster six credit hours each semester, and a number of students choose to take only three credit hours. The number of courses which a student is permitted to take is dependent upon the student's ability, past academic record, program of study, and the time available for study.

## GENERAL ROSTER PLAN

Classes are scheduled for 150 or 180 minutes each week, dependent on whether the course is a three semester credit class or a four semester credit class. Most classes meet twice a week; each session is for seventy-five or ninety minutes, again dependent on whether the course itself is a three or four semester hour course. Some classes meet only once a week for a double-period on one evening, or on Saturday.

The schedule for classes is as follows:

	<b>Monday and Wednesday</b>	<b>Tuesday and Thursday</b>
1st period	4:30 to 5:45 P.M.	4:30 to 5:45 P.M.
2nd period	5:55 to 7:10 P.M.	5:55 to 7:10 P.M.
3rd period	7:20 to 8:35 P.M.	7:20 to 8:35 P.M.
4th period	8:45 to 10:00 P.M.	8:45 to 10:00 P.M.

Saturday 1st period, 9:00 A.M. to 11:45; 2nd period, 12:30 P.M. to 3:15 P.M.  
Six Intensive Saturdays: classes meet from 9:30 A.M. to 4:30 P.M., with an hour for lunch.

The principal exception to this schedule occurs in rostering four credit hour courses. Four credit hour courses scheduled for one night a week meet from 7:15 to 10:15 P.M.; those scheduled for 4th period two nights per week meet from 8:45 to 10:15 P.M.

Classes are scheduled Monday through Thursday evening and on Saturday. A typical student roster of two courses might be chosen by following course offerings Monday and Wednesday or Tuesday and Thursday evenings.

### **CHANGE IN COURSE**

The student is responsible for following the sequence of courses for the curriculum of his major field of study. If changes are desired, approval must be obtained in writing from the department chairman and the Dean.

### **CHANGE IN MAJOR**

An Evening Division student who wishes to change major curriculum must file a written request for Change of Major in the office of the Dean. A statement of the requirements to be met in the new major and a transfer of course work from the prior major will be sent to the student.

### **CREDIT FOR OFF-CAMPUS COURSES**

Course work taken at other institutions by regularly enrolled students of the Evening Division may not be offered for credit unless the student has had *written permission in advance* from the Dean to take such courses. It is the responsibility of the student to request a transcript of credit for off-campus courses for inclusion in his record at La Salle College.

### **COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)**

The La Salle College Evening Division participates in the College-Level Examination Program sponsored by the College Entrance Examination Board. CLEP is designed to enable the adult student to demonstrate competencies he has acquired in various academic disciplines without having attended formal college classes.

The Program's chief purpose, then, is to enable a student who has reached the college level of education in any nontraditional way to assess the level of his achievement and to seek college credit through the testing results.

Two kinds of examinations exist in the program:

General Examinations — these measure achievement in basic areas of the liberal arts — Humanities, Mathematics, Natural Sciences, and Social Sciences-History.

Subject Examinations — these measure achievement in specific college subjects. The subject examinations are designed to be particularly relevant to the kind of academic experience a student can be expected to have had in a traditional college setting. A large number of subject examinations are offered in introductory subjects in the areas of the Liberal Arts, Business and the Sciences.

Candidates for admission and currently matriculated Evening Division students who wish detailed information about CLEP and the College's

policy on awarding credit through CLEP should confer with Ms. Shirley-Ann Eriksson, Assistant to the Dean of the Evening Division (951-1239).

The CLEP Program may not be used to raise a low grade received in a course taken here or elsewhere.

When a student receives a satisfactory score in a Subject Examination or in any part of the General Examinations credit is awarded and posted on his permanent record. Credit granted through CLEP will be posted on the student's record after he has completed two courses in the La Salle College Evening Division. These credits are not computed in determining his cumulative index. Grades are not given.

### **ATTENDANCE POLICY**

Students are expected to attend classes regularly. Cumulative or consecutive absences of more than two weeks in any course may be regarded as excessive. Attendance is counted from the first regular class meeting regardless of the time of registration.

The student is responsible for reporting to the instructor the reason for each absence. If an absence can be foreseen, the report should be made before the absence; otherwise, it should be made immediately thereafter. Students who fail to report reasons for absence cannot expect consideration if the number of absences becomes excessive.

### **WITHDRAWAL**

After the completion of registration, a student shall be considered to be in attendance unless an official statement of withdrawal is received from him. Ceasing to attend class or submitting a statement of withdrawal to an instructor does not constitute an official notice of withdrawal.

Students who find it necessary to withdraw from one or more courses are required to submit a signed statement of withdrawal to the Office of the Dean. The withdrawal statement may be made in one of the following ways: the submission of a letter or the completion of a withdrawal form in the Evening Division Office. Unsupported telephoned statements are not acceptable. Regardless of the manner by which a withdrawal statement is made, it must list the course or courses from which the student is withdrawing, give adequate reasons for the withdrawal, and bear the signature of the student.

The date of filing the statement of withdrawal shall be considered, in all cases, the date of actual withdrawal. Previous statements of reasons for absence or nonattendance shall not be a cause for predating a withdrawal.

If a student withdraws before the last date of the allowable withdrawal period, his record for the course will be marked W (withdrawn). The final date for withdrawal is published in the Academic Calendar. If he withdraws after the final date for withdrawal, his record will be marked F (failure) unless his withdrawal has been caused by unusual circumstances and has the approval of the Dean.

### **EXAMINATIONS**

Examinations are given at any time during the course at the discretion of the instructor, at mid-semester, and at the conclusion of the semester.

Final examinations are conducted only at the times published in the examination schedule which is issued each semester.

No credit will be given for any subject until the final examination has been completed successfully.

Any student who, because of unavoidable absence, is unable to take the final examination as scheduled must request a special final examination in the Office of the Dean. No special final examination will be administered without the approval of both the instructor and the Dean. Each special final examination is subject to a fee of \$5.00. Special examinations during any semester are individually subject to a fee of \$3.00. The student must arrange, through the Office of the Dean, to take any special examination. Special examinations are usually scheduled on Friday evenings throughout the semester.

## **GRADES**

A permanent record of a grade for each course is made only at the end of each term. The final course grade is determined from recitations and examinations during the course and the final examinations.

Grades are recorded in alphabetical symbols as follows: A indicates superior; B indicates very good; C indicates average; D indicates a minimum passing grade; F indicates a failure; I indicates an incomplete grade and that certain course assignments, tests, final examination, etc., have not been performed or taken; W indicates that the student withdrew from the course before the end of the allowed withdrawal period; NR indicates that the Instructor had not reported a grade for the student by the final date for posting grades. (The student should contact the Instructor directly for final grade.)

A separate grading system is used for the remedial courses in English and Mathematics and the Readings Courses in Humanities and Management. At the end of these courses, a student receives an S (passed) or U (failed).

## **PASS-FAIL OPTION**

A student may opt to take five elective courses on a pass-fail basis. An application for pass-fail grade must be filed in the Office of the Dean not later than the date published in the Academic Calendar available each semester in the Evening Division Office. Grades received under the pass-fail option do not affect one's cumulative index. A student may not take any course in the major on a pass-fail basis.

## **SCHOLASTIC DEFICIENCIES**

Conditions or re-examinations are not given. To remove an incomplete grade, the student must complete the required work under the supervision of his instructor. Incomplete grades must be removed not later than three weeks after the date of the final examinations; otherwise, they become failures. It is the responsibility of the student to arrange for the removal of such grades.

A student whose final grade in a required course is a failure must repeat the course.

## **ACADEMIC STANDING**

The academic standing of a student is determined by computing a cumulative scholastic index or average of grades by assigning a grade point value to each letter grade according to the following system: A = 4, B = 3, C = 2, D = 1, F = 0, grade points per credit hour. An "A" grade for a three credit hour

course equals 12 grade points; a "B" grade for a three credit hour course equals 9 grade points; a "C" grade for a three credit hour course equals 6 grade points; and a "D" grade for a three credit hour course equals 3 grade points. No grade points are given for "F" grades. The cumulative scholastic index or average of grade is equal to the sum of all grade points divided by the total number of credit hours attempted, including hours for which an "F" was earned. Again, the S or U grade received under the pass-fail option is not considered in computing the cumulative index.

To be in good academic standing a student must have a minimum cumulative scholastic index of 2.00. In addition, he must satisfy the scholastic requirements for his major program of study. Students' records are evaluated for academic standing after each semester.

### **DEAN'S HONOR LIST**

The Dean's Honor List is published in June and February each year.

Those students who have earned a cumulative average of 3.40 are eligible for the Dean's List. In addition, they must have complied with all the regulations of the College and have earned at least 30 credit hours at the College.

An Academic Convocation for Dean's List students is held in the fall semester. At this convocation, honorary degrees are conferred. Dean's List students are recognized; and they, as well as their families, have the opportunity to meet informally with the faculty and the administration.

### **POLICY ON ACADEMIC PROBATION AND ACADEMIC DISMISSAL**

The cumulative average is computed by dividing the total number of credit hours attempted into the total number of grade points earned. The number of credit hours attempted must include the hours of failures which have not been removed by subsequently earning passing grades.

A student is on academic probation when his cumulative average is less than:

1. 1.00 after attempting 15 semester credit hours
2. 1.50 after attempting 30 semester credit hours
3. 1.75 after attempting 60 semester credit hours
4. 1.90 after attempting 90 semester credit hours.

A student on academic probation is subject to academic dismissal:

1. When his cumulative average is less than
  - A. 1.00 at the completion of 30 semester credit hours
  - B. 1.50 at the completion of 60 semester credit hours
  - C. 1.75 at the completion of 90 semester credit hours
2. If he remains on academic probation for four successive semesters.

Students on academic probation may take no more than two courses as approved in writing by an academic counselor.

At the completion of eighty-five semester hours, a student must have an academic index of 2.00 ("C" average) in his major before he will be permitted to accumulate additional semester hours. He may repeat courses for three semesters in order to better his academic index; if, at the end of the three semesters, he has not shown distinct improvement he will be dismissed from the Evening Division.



## HONORS

The bachelor's degree with honors is conferred on a student who has completed course requirements at the College with an average of all grades not lower than 3.40 and who has not incurred any academic censure.

The candidate for the bachelor's degree who has earned an average of 3.80 or better in all courses is graduated with the designation *Maxima Cum Laude*.

The candidate who has earned an average between 3.60 and 3.79 is graduated with the distinction *Magna Cum Laude*.

The candidate who has earned an average between 3.40 and 3.59 is graduated with the distinction *Cum Laude*.

## REQUIREMENTS FOR A DEGREE

The candidate for a degree must have completed course work equivalent to a minimum of 120 semester hours with a cumulative index of 2.00.

The candidate must have obtained a "C" average or cumulative index of 2.00 in the major.

The candidate must have fulfilled all course requirements prescribed by the Dean of the Evening Division.

The candidate must have fulfilled the requirements in Philosophy and Religion.

A minimum of twelve terms of collegiate study or its equivalent is required for a degree. The final 30 semester credit hours must be completed in the Evening Division of La Salle College.

The student is personally responsible for filing an Application for Graduation form one year before the date on which he anticipates receiving the degree.

## REQUIREMENTS FOR AN ASSOCIATE DEGREE

The candidate for an Associate degree must have completed course work equivalent to a minimum of 60 semester credit hours, at least 30 credit hours at La Salle College.

The candidate must have fulfilled all course requirements prescribed by the Dean of the Evening Division.

The student is personally responsible for filing an Application for the Associate degree one year before the date on which he anticipates receiving the diploma. Candidates for the Associate degree do not participate in the Commencement Exercises. Upon completion of the above requirements the candidate may obtain the diploma at the Dean's office.



# ASSOCIATE DEGREE CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

## General Education (5 courses)

### English Composition

1. \_\_\_\_\_

2. \_\_\_\_\_

### Literature or Literature in Translation

1. \_\_\_\_\_

### Philosophy

1. \_\_\_\_\_

### Religion

1. \_\_\_\_\_

## Major Requirements

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

## Distribution Requirements (4 courses)

*Select 2 courses from 2 of the 5 areas*

### Area 1 (\*English, History)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 2 (Foreign Language, Mathematics)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 3 (Art, Music, \*Philosophy, \*Religion)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 4 (Economics, Political Science,

Psychology, Sociology)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 5 (Biology, Chemistry, Physics)

1. \_\_\_\_\_ 2. \_\_\_\_\_

## Electives

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Requirements: 60 credits properly distributed in these four divisions.

\*General Education courses may not be used to fulfill distribution.

The following pages provide a detailed program outline and a Curriculum Progress Chart for Liberal Arts Majors, for Science Majors, and for Business Administration Majors. These pages should serve as a clear reference for degree requirements and a handy record of one's academic progress. The matriculated student is strongly encouraged to consult with the Dean, the Assistant to the Dean, or Department Chairman for a review of his academic status and to be assured of meeting the courses and hours required for graduation.

# The Curriculum

The Evening Division's curriculum enables the student to pursue an academically valid general education and an in-depth study in a major academic field. The highly flexible program preserves the elements of a common intellectual experience appropriate to a liberal arts college; at the same time, it affords the mature student freedom and choice in designing an educational experience that might enable him to develop his abilities, to progress in his employment, and to prepare for his career objectives.

The curriculum for Liberal Arts and Science majors is structured into four parts:

- |                             |                             |
|-----------------------------|-----------------------------|
| 1—General Education         | 3—Departmental Requirements |
| 2—Distribution Requirements | in Major                    |
| 4—Elective Courses          |                             |

The curriculum for Business Administration majors is structured into five parts:

- |                             |                        |
|-----------------------------|------------------------|
| 1—General Education         | 3—Business Core        |
| 2—Distribution Requirements | 4—Professional Studies |
| 5—Elective Courses          |                        |

The General Education courses concern themselves with the basic skill of written communication and with such value-oriented subjects as literature, religion, and philosophy. These departments offer several courses which can be chosen to fulfill the General Education requirement. Courses in General Education are specifically outlined and precede the English, Foreign Language, Philosophy, and Religion Departments' offerings in the Course Descriptions section of this Bulletin.

The range of choice is further widened by the Distribution Requirement. Courses offered under this requirement help provide some depth outside your major field and also offer a measure of flexibility so that you can shape your program in accord with your interests.

The number of courses each department requires of its majors will normally not exceed fifteen (15), leaving nine (9) courses to be used as electives. Some departments require their majors to take courses outside their primary field. Students may present such courses in fulfillment of Distribution Requirements. The requirements in each major precede that department's offerings in the Course Description section of this Bulletin.

The Programs in Business Administration have these further divisions:

**The Business Core** —A series of ten (10) courses designed to acquaint the business major with the varied influences, methods, and techniques of modern business practice.

**Professional Studies** —A series of courses designed to give in-depth understanding in one area of business.

# Bachelor of Arts

A program leading to the Bachelor of Arts degree consists of 120 credits about one-third of which are taken in a major field of study. The Degree of Bachelor of Arts is offered in computer and information science, economics, education, English, history, humanities, political science/public administration, psychology, and sociology. Within these majors the College offers programs designed as preparation for elementary and secondary teaching and work in criminal justice.

The curriculum for Liberal Arts students has four parts:

- 1—General Education — 8 courses
- 2—Distribution Requirements — 8 courses
- 3—Major Requirements — 15 courses
- 4—Electives — 9 courses

## GENERAL EDUCATION REQUIREMENTS

English Composition .....	2 semesters
Literature .....	2 semesters
(English or foreign literature in translation)	
Philosophy .....	2 semesters
Religion .....	2 semesters

## DISTRIBUTION REQUIREMENTS

Two courses in four of the areas below, exclusive of courses in your major.

<i>Area I</i>	<i>Area II</i>	<i>Area III</i>	<i>Area IV</i>	<i>Area V</i>
†English	Foreign Languages	Art	Economics	Biology
History	Mathematics	Music	*Humanities	Chemistry
		†Philosophy	Political Science	*Humanities
		†Religion	Psychology	Physics
			Sociology	

## MAJOR REQUIREMENTS

Requirements for majors in each department are listed along with that department's course descriptions.

## ELECTIVES

You may use your elective courses in whatever way you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

† General Education courses may not be used to fulfill Distribution.

\* See Curriculum Progress Chart — Area IV and Area V

## B. S. CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

### General Education (8 courses)

English Composition

1. \_\_\_\_\_
2. \_\_\_\_\_

Literature or Literature in Translation

1. \_\_\_\_\_
2. \_\_\_\_\_

Philosophy

1. \_\_\_\_\_
2. \_\_\_\_\_

Religion

1. \_\_\_\_\_
2. \_\_\_\_\_

### Major Requirements

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_

### Distribution Requirements (8 courses)

Select 2 courses from 4 of the 5 areas  
exclusive of courses in your major

Area 1 (\*English, History)

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 2 (Foreign Language, Mathematics)

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 3 (Art, Music, \*Philosophy, \*Religion)

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 4 (Economics, Political Science,  
Psychology, Sociology)

(With permission of the Dean: Education  
201E, 202E, Humanities 331E)

1. \_\_\_\_\_ 2. \_\_\_\_\_

Area 5 (Biology, Chemistry, Physics)

(With permission of the Dean: Humanities  
201E, 202E, Sociology 213E)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Electives

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

\*General Education courses may not be used to fulfill Distribution.

Degree Requirement: 120 Credits properly distributed in these four divisions

# Bachelor of Science

The Bachelor of Science degree consists of 120 credits properly distributed in the four areas of the degree program. The Bachelor of Science degree is offered in Chemistry, Electronic Physics, and Applied Mathematics.

The curriculum for Science students has four parts:

- 1—General Education — 8 courses
- 2—Distribution Requirements — 8 courses
- 3—Major Requirements
- 4—Electives

## GENERAL EDUCATION REQUIREMENTS

English Composition .....	2 semesters
Literature .....	2 semesters
(English or foreign literature in translation)	
Philosophy .....	2 semesters
Religion .....	2 semesters

## DISTRIBUTION REQUIREMENTS

Eight courses in four of the areas below, exclusive of courses in your major.

<i>Area I</i>	<i>Area II</i>	<i>Area III</i>	<i>Area IV</i>	<i>Area V</i>
†English	Foreign Languages	Art	Economics	Biology
History	Mathematics	Music	Political Science	Chemistry
		†Philosophy	Psychology	Physics
		†Religion	Sociology	

## MAJOR REQUIREMENTS

Requirements for majors in each department are listed with each major department's course descriptions.

## ELECTIVES

You may use your elective courses in whatever way you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

† General Education courses may not be used to fulfill Distribution.

# B.S. CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

## General Education (8 courses)

### English Composition

1. \_\_\_\_\_
2. \_\_\_\_\_

### Literature or Literature in Translation

1. \_\_\_\_\_
2. \_\_\_\_\_

### Philosophy

1. \_\_\_\_\_
2. \_\_\_\_\_

### Religion

1. \_\_\_\_\_
2. \_\_\_\_\_

## Major Requirements

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_

## Distribution Requirements (8 courses)

Select 8 courses from 4 of the 5 areas

### Area 1 (\*English, History)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 2 (Foreign Language, Mathematics)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 3 (Art, Music, \*Philosophy, \*Religion)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 4 (Economics, Political Science, Psychology, Sociology)

1. \_\_\_\_\_ 2. \_\_\_\_\_

### Area 5 (Biology, Chemistry, Physics)

1. \_\_\_\_\_ 2. \_\_\_\_\_

## Electives

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

\*General Education courses may not be used to fulfill Distribution Degree Requirement: 120 Credits properly distributed in these four divisions



# Bachelor of Science in Business Administration

A program leading to a Bachelor of Science degree in Business Administration consists of 120 credits about half of which may be taken in Business and Economics courses. The program is designed to provide for the educational needs of students already employed in business and for those planning on entering graduate schools. While keeping in mind the students' age, experience, educational and employment goals, the program prepares the student for managerial responsibility and provides an enduring base for his personal development.

The curriculum for Business Administration students has five parts:

- 1—General Education — 8 courses
- 2—Distribution Requirements — 8 courses
- 3—Business Core — 10 courses
- 4—Professional Studies
- 5—Electives

## GENERAL EDUCATION REQUIREMENTS

English Composition .....	2 semesters
Literature .....	2 semesters
(English or foreign literature in translation)	
Philosophy .....	2 semesters
Religion .....	2 semesters

## DISTRIBUTION REQUIREMENTS

Certain courses within Areas II and IV must be selected by all students in Business Administration programs.

Business Administration students may choose three courses from two of the three areas: Area I, III, or V.

Area I	Area II	Area III	Area IV	Area V
†English	Mathematics <sup>1</sup>	Art	Economics <sup>2</sup>	Biology
History	Computer and	Music		Chemistry
	Information Science	†Philosophy		*Humanities
		†Religion		Physics

† General Education courses may not be used to fulfill Distribution

\*See Curriculum Progress Chart — Area IV and Area V

<sup>1</sup>Business students must take Mathematics 101E, 102E or two advanced courses. They must also take Computer and Information Science 151E or equivalent.

<sup>2</sup>Economics 101E, 102E is required of Business students.

## BUSINES CORE

Course work consists of study in the several areas of business practice and in analytical methods and techniques. This foundation is intended to develop a broad understanding of business problems. The following courses constitute the core:

Accounting 101E, 102E; Economics 213E, 302E; Finance 201E, 202E; Law 201E or Law 202E; Management 211E, 212E; Marketing 201E.

## ELECTIVES

You may use your electives in whatever way you choose, either grouping them to build a strong minor or using them to diversify your background or broaden your interests. To achieve a balance between liberal arts and professional studies, the College recommends that you take no more than 4 courses in Business Administration and Economics as elective courses.

## PROFESSIONAL STUDIES

The professional option consists of 12 or 15 credits in a functional area beyond the courses required in the Business core. An exception is the Accounting Option, for which a set of course requirements has been established as necessary preparation for the Certified Public Accounting examination in Pennsylvania. Courses required of the Accounting Major are listed with the Accounting Department's course offerings in the Course Descriptions section of this Bulletin.

You may choose your professional option when you apply for admission or at some time during your first two years of college.

## B. S. BUS. ADM. CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

### General Education (8 courses)

#### English Composition

1. \_\_\_\_\_
2. \_\_\_\_\_

#### Literature or Literature in Translation

1. \_\_\_\_\_
2. \_\_\_\_\_

#### Philosophy

1. \_\_\_\_\_
2. \_\_\_\_\_

#### Religion

1. \_\_\_\_\_
2. \_\_\_\_\_

### Business Core

Accounting	101E	Law	201E or 202E
	102E	Management	211E
Economics	213E		212E
	302E	Marketing	201E
Finance	201E		
	202E		

### Professional Studies

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
- \*5. \_\_\_\_\_
- \*6. \_\_\_\_\_
- \*7. \_\_\_\_\_
- \*8. \_\_\_\_\_

### Distribution Requirements (8 courses)

Select 3 courses from 2 areas 1, 3, 5,

#### Area 1 (†English, History)

1. \_\_\_\_\_
2. \_\_\_\_\_

#### \*Area 2 (Mathematics)

1. Mth-101E
2. Mth. 102E
3. CSC 151E

#### Area 3 (Art, Music, †Philosophy, †Religion)

1. \_\_\_\_\_
2. \_\_\_\_\_

#### \*Area 4 (Economics)

1. Ecn. 101E
2. Ecn. 102E

#### Area 5 (Biology, Chemistry, Physics) (with permission of the Dean: Humanities 201E, 202E, Sociology 213E)

1. \_\_\_\_\_
2. \_\_\_\_\_

\*Must be taken by Business Major.

### Electives

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

(\*Accounting Major)

†General Education courses may not be used to fulfill Distribution.

Degree Requirement: 120 credits properly distributed in these five divisions.

# Description of Courses

The courses listed below ordinarily will be given when there is a minimum enrollment of 12 students.

## ACCOUNTING

**Joseph G. Markmann, B.S., C.P.A., Chairman**

The Professional Option in Accounting consists of the following courses beyond the introductory courses: Accounting 201E, 202E, 303E, 405E, 408E, 3 advanced courses selected in consultation with the Department Chairman.

**ACCOUNTING 101E PRINCIPLES OF ACCOUNTING I** 3 credits  
Training in the fundamental principles of recording business transactions, including a study of the presentation and interpretation of the financial data of a single proprietorship, partnership and corporation. Fall and Spring semesters.

**ACCOUNTING 102E PRINCIPLES OF ACCOUNTING II** 3 credits  
Prerequisite, Accounting 101E  
The relationship between understanding accounting procedures and using accounting data effectively; the interrelationships between financial statements and the methods of accumulating data for these statements and how the particular accounting methods used influence business decisions. Problems include depreciation methods, inventory valuation, alternative methods of obtaining capital and the measurement and control of costs within the corporate entity. Fall and Spring semesters.

**ACCOUNTING 201E ACCOUNTING THEORY — PART 1** 3 credits  
Prerequisite, Accounting 102E  
The general purpose of both parts of this course is to present the theories and problems, beyond the elementary level, which involve the proper recording of transactions and the preparation of financial statements. The first part comprises a review of the accounting cycle; a general discussion of the preparation of financial statements; a detailed analysis of theory as applied to transactions affecting current assets, current liabilities, long-term investments, and their presentation on the balance sheet. Fall and Spring semesters.

## ACCOUNTING 202E ACCOUNTING THEORY — PART 2

Prerequisite, Accounting 201E

3 credits

The second part of Accounting Theory includes a detailed presentation of theory as applied to plant and equipment, intangible assets, long-term debt, capital stock and surplus; the correction of errors of prior periods; and analysis of financial statements; and the statement of application of funds. Fall and Spring semesters.

## ACCOUNTING 303E PRINCIPLES OF COST ACCOUNTING

Prerequisite, Accounting 102E

3 credits

Elementary Cost Accounting is designed to acquaint the student with the basic principles applied to the job cost and process cost systems, and with the uses and interpretations of cost information. The principal topics are the purchasing and issuing of materials and the maintenance of perpetual inventory records; control of labor; methods of distributing factory overhead expenses; evaluation of the problems involved in shrinkage and idle time; consideration of the forms used in the job and process cost systems; and discussion of the necessity, importance and place of cost accounting in modern enterprises. Fall and Spring semesters.

## ACCOUNTING 304E AUDITING

Prerequisite, Accounting 202E

3 credits

A practical presentation of modern audit practices, emphasizing the principles and objectives of an audit. Analysis of the audit basis, the best standards, objective reporting, the adoption of improved accounting standards, business controls, professional ethics and legal liability. Fall and Spring semesters.

## ACCOUNTING 310E FINANCIAL STATEMENT ANALYSIS

Prerequisite, Accounting 102E

3 credits

Comparative analyses by percentages, ratios, trends, graphic reports and projections applicable to the balance sheet and income statement. Structure and meaning of accounts and peripheral statements such as application of funds and breakeven analysis. Fall and Spring semesters.

## ACCOUNTING 313E ADVANCED COST ACCOUNTING

Prerequisite, Accounting 303E

3 credits

Advanced Cost Accounting extends the objectives of the elementary course for students who intend to work in the field of industrial accounting. The course covers the economic, industrial and managerial aspects of cost accounting with emphasis on the flexible budget as a basis for cost control and on the analysis of variance and graphic charts. Special emphasis is placed on the study of estimated costs, standard costs and distribution costs. Fall semesters.

## ACCOUNTING 405E ADVANCED ACCOUNTING THEORY AND PROBLEMS — PART I

Prerequisite Accounting 202E

3 credits

A study of home office and branch accounting; mergers; acquisitions and preparation of consolidated financial statements; foreign operation. Fall semesters.

## ACCOUNTING 406E ADVANCED ACCOUNTING THEORY AND PROBLEMS — PART 2

Prerequisite, Accounting 202E

3 credits

A study of special topics in accounting theory including partnerships; government accounting; installment sales; estate and trust; and insolvency in connection with realization and liquidation. Spring semesters.

## ACCOUNTING 408E TAXATION OF INDIVIDUALS

3 credits

The primary purpose of this course is to give a comprehensive explanation of the federal structure as it applies to individuals and to provide experience in the application of tax principles to specific problems. The course covers the following topics: types of returns; rates; business and personal income; sales and exchange; business and personal deductions; and withheld and prepaid taxes. Fall semesters.

## **ACCOUNTING 413E BUDGETARY PLANNING AND CONTROL**

Prerequisite, Accounting 202E, 313E or approval of  
Department Chairman

3 credits

The course provides a study of the principles of business planning for financial control of future operations through the use of budgetary systems. Each section of the budget is treated, the various sections are assembled, and a master budget is prepared. Types and uses of budgets are discussed. Students who have not had Accounting 313E should confer with the Department Chairman before rostering this course. Spring semesters.

## **ACCOUNTING 418E CORPORATE AND OTHER TAXATION**

3 credits

The course in Corporate and Other Taxation includes a review of the federal revenue system; partnership; federal corporate income tax; federal estate and federal gift taxes; State of Pennsylvania corporation taxes; City of Philadelphia taxes. Spring semesters.

## **ACCOUNTING 419E ADVANCED ACCOUNTING PROBLEMS**

Prerequisite, Accounting 406E

3 credits

This course is a review of advanced material covering the entire accounting field. The problems considered include partnership liquidations, fiduciary accounting, consolidations, federal and state taxes, municipal accounting and other problems. Fall 1979.

## **ANTHROPOLOGY**

### **SOCIOLOGY 213E CULTURAL ANTHROPOLOGY**

3 credits

A cross-cultural study of the influence of culture in explaining human behavior in primitive and modern societies. Fall semesters.

## **ART**

### **ART 101E ELEMENTS OF ART**

3 credits

Aesthetic analysis of the elements of painting and sculpture; application of principles to several major artists. Fall and Spring semesters.

## **BIOLOGY**

**Brother Richard Hawley, F.S.C., M.A., Chairman**

### **BIOLOGY 153E THE ANIMAL KINGDOM: FANTASY AND FACT**

3 credits

For election in the distribution area by non-biology majors. A brief survey of the animal kingdom and its relationship to man. Consideration given to evolution, physiology, ecology, parasites, and genetics. Course incorporates lecture, visuals, and student investigations. One hour lecture, two hours lecture-laboratory. Fall semesters.

### **BIOLOGY 154E PLANTS: FLOWERING AND NON-FLOWERING**

3 credits

For election in the distribution area by non-biology majors. A survey of the structure and metabolism of seed and non-seed plants. Consideration given to evolution, ecology, hormones, and basic systematics. Course incorporates lecture, visuals, and student investigations. One hour lecture, two hours lecture-laboratory. Spring semesters.

## **BUSINESS ADMINISTRATION**

Associate in Science in Business Administration Requirements:

GENERAL EDUCATION (15 semester credits)

English 101E

English 102E

1 course in General Education Literature

1 course in General Education Philosophy

1 course in General Education Religion



**DISTRIBUTION (12 semester credits)**

Mathematics 101E and 102E in Area 2 of Distribution

Economics 101E and 102E in Area 4 of Distribution

**MAJOR (24 semester credits)**

Accounting 101E and 102E

Finance 201E and 202E

Law 201E or 202E

Management 211E and 212E

Marketing 201E

**ELECTIVES**

3 courses of free electives; Computer and Information Science 151E is recommended

**CHEMISTRY**

Curriculum Accredited by the American Chemical Society

**Robert K. Preston, Ph.D., Chairman**

Requirements for Major in Chemistry: 20 courses

- Chemistry 111E, 112E, 201E, 202E, 301E, 302E, 305E, 402E, 403E, 481E and two advanced courses in Chemistry selected in consultation with the Department Chairman.
- Electronic Physics 101E, 102E
- German 101E, 102E
- Mathematics 113E, 120E, 221E, 222E

**CHEMISTRY 100E FUNDAMENTALS OF CHEMISTRY**

Prerequisite, Eph. 101E

3 credits

This course is designed to introduce some of the basic principles of elementary chemistry for science majors in curricula other than chemistry. It covers stoichiometry, states of matter, thermochemistry, atomic and molecular structure, some organic structural chemistry, as well as the beginnings of reaction mechanisms and solution chemistry. Fall semesters.

**CHEMISTRY 111E GENERAL CHEMISTRY — PART 1**

4 credits

The aim of this course is to provide the student with a firm theoretical basis for understanding the fundamentals of chemistry in the field of inorganic chemistry. The content of the first part of the course includes stoichiometry, the states of matter, thermochemistry, atomic and molecular structure, and the periodic chart. The descriptive chemistry is concerned principally with the non-metals. Fall semesters.

**CHEMISTRY 112E GENERAL CHEMISTRY — PART 2**

Prerequisite, Chm. 11E

4 credits

This course is a continuation of Chemistry 111E. The content includes solutions, ionic equilibria, oxidation and reduction, electrochemistry, complex ions and nuclear chemistry. The descriptive chemistry of the metals is also covered as well as some aspects of qualitative analysis. Spring semesters.

**CHEMISTRY 201E ORGANIC CHEMISTRY — PART 1**

Prerequisite, Chm. 112E

4 credits

The purpose of the first part of the course is to present the theoretical aspects of organic chemistry together with the structure, nomenclature, syntheses, and physical and chemical properties of the main classes of organic compounds. The aliphatic compounds are studied with emphasis on bond structure, reaction mechanisms, stereochemistry, and the correlation of structure with physical properties. Petroleum chemistry, proteins and carbohydrates are treated as special topics. Fall 1979.

## CHEMISTRY 202E ORGANIC CHEMISTRY — PART 2

Prerequisite, Chm. 201E

4 credits

In the second part of organic chemistry, monofunctional and polyfunctional aromatic compounds, and polyfunctional aliphatic compounds are considered. These compounds are discussed from the viewpoint of reaction mechanisms and synthetic sequences. Both aliphatic and aromatic compounds are also treated under the three categories of substitution, addition and elimination reactions. Spring 1980.

## CHEMISTRY 301E PHYSICAL CHEMISTRY — PART 1

Prerequisites, Chm. 305E, Eph. 102E, Mth. 222E

4 credits

The general purpose of this course is to familiarize the student with the fundamentals of physical chemistry and their application to various physical and chemical systems. The contents of Part 1 are ideal and real gases, liquids, solids, elementary thermodynamics, thermochemistry, solutions, homogeneous and heterogeneous equilibria.

## CHEMISTRY 302E PHYSICAL CHEMISTRY — PART 2

Prerequisite, Chm. 301E

4 credits

The contents of Part 2 are electrical conductance, electrochemistry, chemical thermodynamics, chemical kinetics, and atomic and molecular structure.

## CHEMISTRY 305E QUANTITATIVE ANALYSIS

Prerequisite, Chm. 112E

4 credits

The contents of this first course in quantitative analysis consists of the study of the theory and basic principles of volumetric, complexometric and gravimetric procedures. The thorough coverage of the stoichiometric calculations, as well as laboratory experiments designed to develop analytical techniques, are performed. An introduction is made to modern instrumental methods, such as colorimetric, electrolytic, potentiometric, and polarographic analytical procedures. Spring 1980.

## CHEMISTRY 308E BIOCHEMISTRY

Prerequisite, Chm. 202E

3 credits

This course is concerned with the study of the chemistry of substances associated with living processes. The role of water, proteins, carbohydrates and fats, together with their interrelation are considered. Special emphasis is placed on the correlation of the structure of natural polymers with their physical properties Fall semester — Even years.

## CHEMISTRY 401E QUALITATIVE ORGANIC ANALYSIS

Prerequisites, Chm. 202E, Chem. 305E

4 credits

The purpose of this course is to introduce the student to research methods while broadening his knowledge of organic chemistry. The course content consists of the solution of problems involving the structure and reactions of organic compounds. In the laboratory, experiments concerned with the identification of compounds and with the separation and identification of the components of mixtures are performed. Offered as needed.

## CHEMISTRY 402E ADVANCED QUANTITATIVE ANALYSIS

Prerequisites, Chm. 202E, Chm. 301E

4 credits

The lectures will cover the quantitative determination of the functional groups of organic compounds by the chemical and instrumental techniques and the application of these procedures to organic mixtures. The laboratory work will include elemental as well as functional group analyses using the conventional chemical procedures and instrumental procedures such as gas-liquid chromatography, ultra-violet and infra-red spectroscopy, and polarography. Spring semester — Even years.

## CHEMISTRY 403E ADVANCED INORGANIC CHEMISTRY

Prerequisites, Chm. 202E, Chm. 301E, Chm. 402E

3 credits

This lecture course will stress the modern atomic and molecular structure approach to the more recent advances in inorganic chemistry and will consider such things as the elements and their compounds, etc.; the periodic chart; some aspects

of inorganic polymeric compounds; complexes in aqueous solutions; nuclear chemistry as well as other pertinent aspects of modern inorganic chemistry. Spring semester—Odd years.

#### CHEMISTRY 414E THEORETICAL ORGANIC CHEMISTRY

Prerequisite, Chm. 202E

3 credits

The purpose of this course is to extend the study of organic chemistry by giving consideration to the theoretical concepts of the structure and reactions of organic compounds. The nature of chemical bonds, the mechanism of organic reactions and chemical kinetics are topics of special interest. Spring semester—Even years.

#### CHEMISTRY 470E SPECIAL TOPICS

Prerequisite, department approval

3 credits

This one semester course will present a different subject each year in one area of special topics such as: polymer chemistry, organic syntheses, spectra, structure, etc. An elective course for Chemistry majors. Fall 1979.

#### CHEMISTRY 480E CHEMICAL RESEARCH

Prerequisites, Chm. 301E, Chm. 404E

4 credits

Individual laboratory or theoretical work under supervision of a staff member. An elective course restricted to Chemistry majors. Hours to be arranged. Arranged in consultation with the Department Chairman.

#### CHEMISTRY 481E SEMINAR RESEARCH

Prerequisites, Chm. 202E, Chm. 301E, Chm. 305E

3 credits

This course concerns itself with the chemical research literature and its use. Each student is required to prepare and deliver a seminar topic. The entire Chemistry faculty is available for counsel. Fall semester—Odd years.

#### CHEMISTRY 485E ADVANCED SEMINAR

Prerequisites, Chm. 301E, Chm. 404E

3 credits

The purpose of this elective course is to acquaint the more advanced student with current literature and research in organic chemistry.

### COMPUTER AND INFORMATION SCIENCE

**Daniel Callahan, M.A., Chairman**

Required for major in Computer and Information Science: 15 courses

- CSC 151E, 153E, 253E, 254E, 350E, 357E, 456E, 458E.
- Mathematics 120E, 221E, 240E.
- Two courses in statistics, approved by the Department Chairman.
- Two controlled electives, approved by the Department Chairman. Among recommended courses would be CSC 470E, Mth 222E, 321E, 341E.

Required for **Associate in Arts** in Computer Programming

- English 101E, English 102E, 1 course in General Education Literature, 1 course in General Education Philosophy, 1 course in General Education Religion.
- 4 courses in Distribution (For those interested in data processing, Mth 101E and 102E in Area 2; for those interested in scientific programming, Mth 113E and 120E in Area 2. Ecn 213E in Area 4 and 1 course from Area 1, 3, 4, or 5.)
- CSC 151E, 153E, 154E, 254E, and 3 controlled electives selected with approval of Chairman.
- 3 courses of free electives.

- CSC 151E INTRODUCTION TO COMPUTING** 3 credits  
Basic programming and program structure, data representation, survey of computers—languages, systems and applications—and computer solution of several numerical and non-numerical problems. Fall and Spring semesters.
- CSC 153E ALGORITHM AND DATA STRUCTURES**  
Prerequisites, CSC 151E and Mth 120E 3 credits  
Continuation of CSC 151 with emphasis on algorithms and problem solution. Programming of several non-trivial numeric and non-numerical algorithms. Introduction to elementary data structures: linked lists, circular lists, trees, binary trees. Sorting and searching algorithms. Spring semesters.
- CSC 154E COBOL IN BUSINESS DATA PROCESSING**  
Prerequisite, CSC 151E 3 credits  
Review of computer concepts, problem solving, and program documentation. Study and use of COBOL language in several case studies of commercial data processing applications. Emphasis on structured programming, documentation, problem analysis, file processing and organization, use of random-access storage devices. This is a terminal course designed for business majors. It is not open to CSC majors. Fall semesters.
- CSC 253E COMPUTER ORGANIZATION AND PROGRAMMING**  
Prerequisite, CSC 153E 3 credits  
Hardware organization: CPU, memory, control, addressing, operations. Assembly language, linkages, macros, Input-output devices, interrupts, error handling. Students will program in an assembly language. Microprogramming, emulation, interpretation. Fall semesters.
- CSC 254E FILE AND DATA MANAGEMENT SYSTEMS**  
Prerequisite, CSC 153E 3 credits  
Introduction to COBOL language for CSC majors. File types and file management. Introduction to data base management systems and random-access data structures in their implementation. Spring semesters.
- CSC 350E DISCRETE STRUCTURES**  
Prerequisites, CSC 153E and Mth 240E 3 credits  
Review of set algebra including mappings and relations; algebraic structures including semigroups and groups; elements of the theory of directed and undirected graphs; boolean algebra and propositional logic; applications of these structures to various areas of computer information science. Fall semester — Odd years.
- CSC 353E SYSTEMS ANALYSIS I**  
Prerequisite, CSC 254E or equivalent 3 credits  
Basic concepts of systems; system lifecycle; concepts of information systems—design, components; relationship of data based concepts to the information system; analysis, evaluation, and implementation problems for information systems; logico-mathematical models of information systems. Fall 1979.
- CSC 357E INTRODUCTION TO SYSTEMS PROGRAMMING**  
Prerequisite, CSC 253E 3 credits  
Introduction to the structure and functions of assemblers, loaders, compilers, and operating systems. Students will design and program several simple examples. Fall semester — Even years.
- CSC 456E PROGRAMMING LANGUAGES**  
Prerequisite, CSC 254E 3 credits  
Formal definition of programming languages including specification of syntax and semantics; simple statements including precedence, infix, prefix, and postfix notation; global properties of algorithmic languages including scope of declarations, storage allocation, grouping of statements, binding time of constituents, subroutines, coroutines, and tasks; list processing, string manipulation data description, and simulation languages; run-time representation of programs and data structures. Spring semester — Even years.



## **CSC 458E COMPUTER ARCHITECTURE**

Prerequisite, CSC 253E

3 credits

General computer structure from minicomputers to large-scale systems. Current and future memory technologies: internal and external storage. Stack computers, parallel computers, overlap and pipeline processing. Data communications: synchronous and asynchronous lines, protocols, networks and packet switching, multiplexing. Spring semester — Odd years.

## **CSC 470E SELECTED TOPICS IN COMPUTER INFORMATION SCIENCE**

Prerequisite, permission of the Chairman

3 credits

An introductory course to specialize research in computers and computing, concentrating on one particular aspect of computer information science. The subject matter will vary from term to term.

## **ECONOMICS**

**John A. Duffy, Ph.D., Chairman**

Required for Major in Economics: 12 courses

- Economics 101E, 102E, 201E, 203E, 213E, 214E, 303E, 304E, 411E, 412E.
- Mathematics 101E, 102E.

### **ECONOMICS 101E INTRODUCTORY ECONOMICS I**

3 credits

A study of the operation of the economic system, including a comparison of capitalistic and socialistic economies and consideration of the influence of government policies on economic activity. Emphasis on the U.S. economy and factors which determine employment, inflation, gross national product, and the money supply. Fall and Spring semesters.

### **ECONOMICS 102E INTRODUCTORY ECONOMICS II**

3 credits

A continuation of Economics 101E. Topics include: economic problems of the business firm; economic growth of society; urban problems associated with economic growth; economic approaches to ecological issues; international trade issues; economic problems of poor countries. Fall and Spring semesters.

### **ECONOMICS 201E MONETARY ECONOMICS**

Prerequisite, Economics 102E

3 credits

A study of the monetary and financial system of the U.S. economy. Particular emphasis is placed on the importance of the money supply, the demand for money, and interest rates, and attention is given to more recent developments in the study of these and other monetary variables. Instruments of monetary policy are discussed and evaluated in the context of contemporary economic theory. The position of the American financial system in the international financial network is outlined. Spring semester — Even years.

### **ECONOMICS 202E INTRODUCTION TO MATHEMATICAL ECONOMICS**

Prerequisite, Mathematics 102E

4 credits

Designed to acquaint the student with certain topics in algebra, analytic geometry, and calculus which are most useful in their application to micro-and macro-economic analysis. Fall semester — Odd years.

### **ECONOMICS 203E AMERICAN ECONOMIC HISTORY**

Prerequisite, Economics 102E

3 credits

The purpose of this course is to acquaint the student with the economic development of the United States from the colonial age to the present time. Topics to be discussed will include; mercantilism and the colonial economy, economic aspects of the American Revolution and of the formation of the nation, the Industrial Revolution, land policy and agriculture, economic aspects of the Civil War, monetary problems and banking, the frontier, big business, imperialism, and the growth of our contemporary economy through two world wars. Fall semester — Even years.

## ECONOMICS 213E ECONOMICS AND BUSINESS STATISTICS I

Prerequisite, Mathematics 102E

3 credits

General introduction to the basic ideas and procedures of statistical analysis with special emphasis on their application to economics and business. Methods of statistical description, index numbers, and time series analyses. Introduction to statistical inference. Fall and Spring semesters.

## ECONOMICS 214E ECONOMICS AND BUSINESS STATISTICS II

Prerequisite, Economics 213E

3 credits

Foundations of statistical inference as applied to decision making on the basis of limited information. Basic concepts of probability, probability distributions, estimation and test of hypotheses, regression and correlation techniques. Spring semesters.

## ECONOMICS 301E LABOR PROBLEMS IN AMERICA

Prerequisite, Economics 102E

3 credits

This course provides the student with an understanding of the roles played by unions, employers and the government in the solution of the major economic and noneconomic problems of the worker in the United States. The structure, philosophy and function of management in the area of collective bargaining are analyzed. The role of the government in employee management relations is also examined. The various solutions to the problems of unemployment, substandard wages and personal insecurity are explored and their effectiveness evaluated. Existing and proposed labor legislation are surveyed. Spring semester — Odd years.

## ECONOMICS 302E MANAGERIAL ECONOMICS

Prerequisites, Ecn. 102E, Ecn. 213E, Mth. 102E

3 credits

An intermediate-level course in the theory and practice of the firm, designed for non-economics majors with the indicated background courses. Theory and estimation of demand, production, and cost functions; market structures and pricing in theory and practice; selected aspects of linear programming, regulation and anti-trust, capital budgeting, and risk analysis. Fall and Spring semesters.

## ECONOMICS 303E INTERMEDIATE MICRO-ECONOMIC THEORY

Prerequisite, Economics 102E

4 credits

Theory of consumer behavior, production and cost. Price determination of products in various market models and of factors of production. General equilibrium. Welfare economics. Fall semester — Even years.

## ECONOMICS 304E INTERMEDIATE MACRO-ECONOMIC THEORY

Prerequisite, Economics 102E

4 credits

Techniques of measuring national income and output. Theory of aggregate demand and the equilibrium level of income or output. Theory of economic fluctuations and of economic growth. Theory of inflation. Fiscal and monetary policies toward stabilization. Spring semester — Odd years.

## ECONOMICS 404E PUBLIC FINANCE

Prerequisite, Economics 102E

3 credits

An analysis of the revenue and expenditure activities of government with particular emphasis on the rationale of this government activity, the method of financing, and the effects of fiscal policy on allocation, distribution, efficiency, equity and stability in the economy. Spring semester — Odd years.

## ECONOMICS 411E HISTORY OF ECONOMIC THOUGHT

Prerequisite, Economics 102E

3 credits

This course is designed to give the student a knowledge of the historical development of economic thought from ancient times to the present. The principal topics treated are the contributions of the ancient philosophers, the Scholastics, the Mercantilists, the Classicists and the German Historical School. Fall semester — Odd years.

## ECONOMICS 412E CONTEMPORARY ECONOMIC SYSTEMS

Prerequisite, Economics 411E

3 credits

A continuation of Economics 411E until Keynesian economics has been treated; a history and analysis of socialist and Marxist thought culminating in a comparative



study of the structure and function of the economics of the United States and Soviet Union. Spring semester — Even years.

#### **ECONOMICS 431E INTERNATIONAL ECONOMICS**

Prerequisite, Economics 102E

3 credits

An introduction to the theory of international exchange, to natural and policy barriers to trade, to relations between developed and developing countries and to international disequilibrium. Stress on the evolution of the international monetary system and selected current problems such as balance of payments, exchange standards, liquidity and the role of international institutions.

### **EDUCATION**

#### **(Secondary Education)**

**Gary K. Clabaugh, Ed.D., Chairperson**

Required courses for a major in Secondary Education:

Education: 201E, 203E, 301E, 302E, 401E, 470E.

#### **EDUCATION 141E INTRODUCTION TO EXCEPTIONAL CHILDREN** 3 credits

The student will demonstrate a knowledge of various handicapping conditions (physically handicapped, emotionally disturbed, learning disabled, mentally retarded, visually handicapped, hearing impaired, etc.), and the educational, psychological, social and emotional implications of these conditions. Similarities and differences among these conditions will be emphasized. This course is open to Special Education Majors. Fall semesters.

#### **EDUCATION 201E THE SCHOOL: EDUCATION IN PHILOSOPHICAL AND CULTURAL PERSPECTIVE** 3 credits

Making maximum use of class participation and student initiated learning experiences, this course analyzes the relationship between the organizational structure and educational policies of American schooling, and the socio-economic system of modern mass society. The analysis is multi-dimensional and utilizes the techniques of social science, history and philosophy. Special emphasis is placed on the realm of values, the importance of reflective enculturation and the trust of modern criticism of education in America. Spring semesters.

#### **EDUCATION 203E THE CHILD: EDUCATIONAL PSYCHOLOGY**

Prerequisite, Psychology 101E

3 credits

The aim of this course is the application of psychological principles concerned with the processes of growth and development, thinking, learning and motivation to the problems of education. Principles of mental hygiene and social psychology applied to educational problems in the home, the school, and the community. Field experience in an educational setting is required. Fall semesters.

#### **EDUCATION 301E THE TEACHER: STUDY OF TEACHING**

Prerequisite, Education 201E, 203E

3 credits

Common problems met by the teacher in the classroom; lesson planning, tests and measurements, teaching techniques, classroom management, etc. Spring semesters.

#### **EDUCATION 302E AUDIO-VISUAL AIDS**

3 credits

Utilization of audiovisual materials in an instructional setting. Training in use of overhead transparencies, 35 mm color slides, audio tapes, drymounting techniques, multimedia presentations, etc. Student production of video tape programs utilizing the College's television studio. Film and photography techniques. Fall and Spring semesters.

#### **EDUCATION 304E DEVELOPMENT READING**

3 credits

This course is designed to familiarize the student with the best current thinking and research on the teaching of reading. The reading process is studied from the early

readiness stage, through the primary, intermediate and secondary levels and the practices considered are easily adapted for use in actual teaching situations. The areas to be discussed include: beginning reading, a directed reading activity, individual and group inventories, classroom grouping, vocabulary development and enrichment, work attack skills, independent learning activities, and evaluation. Fall semesters.

**EDUCATION — SPANISH 350E SPANISH FOR EDUCATORS 3 credits**

A course designed to increase the Spanish language skills of teachers and social workers. Special emphasis is given to the vocabulary of each area. An attempt will be made for total immersion by utilizing as many opportunities as possible for practice in listening and speaking Spanish. Guest presentations and field visits to bilingual schools and centers.

**EDUCATION — SPANISH 351E METHODS AND TECHNIQUES IN TEACHING BILINGUAL EDUCATION 3 credits**

This course deals with problems — linguistic and cultural — in teaching in a bilingual setting. Emphasis is placed upon materials and techniques and attitudes of teachers and students. There is systematic analysis of Spanish language and culture in terms of the target language.

**EDUCATION 401E SPECIAL METHODS 3 credits**

Training in the method of instruction in which the student seeks certification. Special Methods in Comprehensive Social Studies Fall semesters. Special Methods in English Spring semesters.

**EDUCATION 470E PRACTICUM IN STUDENT TEACHING 9 credits**

Conducted under the direction of college supervisors and cooperating teachers in secondary schools. Students observe and teach classes in their area of specialization for one semester of the school year. Open only to seniors who complete requirements set by the College. Prerequisite: written application to be filed with the Chairperson of the Education Department, Evening Division, by March 1st of the academic year preceding practice teaching. Fall and Spring semesters.

**EDUCATION 482E AN INTRODUCTION TO GEOGRAPHY 3 credits**

The basic concepts of geography applied to human cultures, including population dynamics, culture realms, and the spatial organization of human activity on our planet. *Required of comprehensive social-studies education majors.* Fall semesters.

The Comprehensive Social Studies major provides for an area of concentration in one of four areas of study: Economics, History, Psychology, or Sociology. Candidates for Teacher Certification in Comprehensive Social Studies are required to earn up to twenty-four semester credits in the area of concentration under the direction of the Department Chairman in which the concentration is being built.

Students interested in this program should consult the Education Department.

## **PREPARATION FOR TEACHING**

The teacher preparation program leads to eligibility for an Instructional I certificate to teach in the secondary schools of Pennsylvania and provides a foundation for those desiring to go on to further studies in the field. The Pennsylvania Department of Education has granted program approval in English and Comprehensive Social Studies. A student who satisfactorily completes the College's requirements in one of these programs is issued the teacher's certificate. Anyone planning to teach outside of Pennsylvania should familiarize himself with particular state requirements.

Students in the teacher preparation program are required to take a minimum of twenty-four semester credits in professional education courses. (Education majors who had earned more than ninety credits toward gradu-

ation before May, 1973 will be required to complete eighteen semester credits in professional education courses). Education 201E, 203E, 301E, 302E, 401E and 470E are required. Psychology 101 plus designated courses in either Comprehensive Social Studies or English are also required.

The Practicum in Student Teaching (Edu 470E) is required of all students who are seeking certification. The student must file a written application for this course with the Chairperson of the Education Department, Evening Division, by March 1st of the academic year preceding the actual practice teaching.

Candidates for teacher certification will be reviewed by the Certification Committee after all prescribed courses — including the Practicum in Student Teaching — are completed. A favorable recommendation by the Committee is prerequisite for certification.

Admission to an education course is not to be construed as admission to a certification program. *Students seeking admission to the Department of Education, Evening Division, should contact the Department Chairperson.*

### **TEACHER CERTIFICATION**

A student who holds a Bachelor's Degree from an accredited college or university may be admitted as a Special Student to pursue courses in professional education after filing an Application for Admission and official transcripts of his undergraduate academic record with the Evening Division Admissions Office. The student should also file for admission to the Department of Education, Evening Division, by contacting the Department Chairperson.

During the first semester of enrollment his credentials will be reviewed by the Certification Committee and a program of studies will be written for him to meet certification requirements. The Practicum in Student Teaching (Education 470E) will be a part of this program. For those already in a teaching position, on-the-job observation and evaluations are frequently possible; for those employed in non-teaching situations, job-related problems cannot be used to by-pass the requirement of student teaching.

Students in this classification may be admitted to certification in English or Comprehensive Social Studies.

### **LA SALLE COLLEGE — CHESTNUT HILL COLLEGE Cooperative Program in Elementary Education**

The La Salle College Evening Division has a cooperative program with the Education Department of nearby Chestnut Hill College. Chestnut Hill College, conducted by the Sisters of Saint Joseph, enjoys a reputation for academic excellence. The college is located at the city limits in beautiful Chestnut Hill about five miles from the La Salle campus.

La Salle students who are pursuing a degree program in Elementary Education and Pennsylvania Teacher Certification register at Chestnut Hill for all required courses in professional education and teaching methods in elementary instruction. The student will complete the General Education, Distribution, and Elective courses at La Salle.

Candidates for the degree in Elementary Education must satisfy the requirements prescribed by La Salle College and all course work required by Chestnut Hill for teacher certification. Students in this major are encouraged to arrange for an appointment at Chestnut Hill, upon completion of thirty semester credit hours of collegiate study. CH7-4210.

## **ELECTRONIC PHYSICS**

**Gerard A. Alphonse, Ph.D., Chairman**

Required for major in Electronic Physics: 20 Courses

- Electronic Physics 101E, 102E, 103E, 212E, 311E, 312E, 322E, 342E, 411E, 412E, 420E.
- Two (2) related electives approved by the department chairman or a designated faculty advisor. Acceptable related electives are: Eph. 430E to 480E; CSC 153E, 253E, 357E, 458E; MTH 321E, 421E, 424E.
- Mathematics 120E, 221E, 222E, 322E, 325E.
- Chemistry 100E.
- CSC 151E.

### **ELEC. PHYSICS 101E GENERAL PHYSICS — PART 1**

Pre-or Corequisite, MTH 120E

4 credits

The general course in physics introduces the student to the fundamentals of the science. Part 1 is an introduction to mechanics of solids. The topics considered include: motion in one and two dimensions, particle dynamics, work, energy, linear momentum, collisions, rotational kinematics and dynamics, angular momentum, equilibrium of rigid bodies, oscillations, gravitation, waves in elastic media and sound. Fall semesters.

### **ELEC. PHYSICS 102E GENERAL PHYSICS — PART 2**

Prerequisites, EPH 101E, MTH 120E

4 credits

Part 2 of the general course in physics is an introduction to electricity and magnetism. The topics considered include: charge and matter, the electric field, Gauss' law, electrical potential, capacitors and dielectrics, current and resistance, electromotive force, the magnetic field, Ampere's law, Faraday's law, inductance, magnetic properties of matter, electromagnetic oscillations, and electromagnetic waves. Fall and Spring semesters.

### **ELEC. PHYSICS 103E GENERAL PHYSICS — PART 3**

Prerequisites, EPH 102E; Corequisite, MTH 221E

3 credits

Part 3 of the general course in physics is an introduction to fluid mechanics, sound, thermodynamics, kinetic theory, light, and quantum physics. The topics considered include: fluid statics and dynamics, temperature, heat, the laws of thermodynamics, kinetic theory of gases, entropy, the nature, propagation, reflection, refraction, interference, diffraction and polarization of light, and quantum physics applied to light and to particles. Fall semesters.

### **ELEC. PHYSICS 212E CIRCUIT THEORY — PART 1**

Prerequisites, EPH 103E, MTH 222E, CSC 151E

3 credits

The purpose of this course is to develop the basics of circuit theory with emphasis on network response to sinusoidal driving functions. The content includes state variables, the sinusoidal steady state impedance, admittance, resonance, mesh and node analysis, coupled circuits, network theorems, and basic filters. Fall semesters.

### **ELEC. PHYSICS 311E ELECTRONIC DEVICES**

Prerequisite, EPH 212E

3 credits

This course develops a basic understanding of the physical principles governing the electrical behavior of semiconductor devices. It includes a brief discussion of the band theory of solids, electrons and holes in semiconductors, their equilibrium conditions using quantum statistics, conduction by drift and diffusion, and non-equilibrium concepts. This is followed by a description of p-n junction diodes, bipolar transistors, field effect transistor and other semiconductor devices. Surface physics is introduced leading to the development of MOS and integrated circuit devices. A brief description of the fabrication methods is included. Fall semesters.



#### ELEC. PHYSICS 312E ELECTRONIC CIRCUITS — PART I

Prerequisite, EPH 311E

3 credits

This course serves as an introduction to the use of active devices in electronic circuits. Topics covered include: transistor and diode characteristics, circuit models and configurations, biasing and stabilization, amplifiers, rectifiers, signal analysis in the low and mid-frequency regions. Laboratory. Spring semesters.

#### ELEC. PHYSICS 322E CIRCUIT THEORY — PART II

Prerequisites, EPH 212E, MTH 322E

3 credits

This course develops the techniques of network analysis with applications in communication theory, transient analysis, and feedback system design. Topics covered include: complex frequency, Fourier and Laplace transforms, impulse response, convolution, transfer function, and general network analysis by Fourier and Laplace transform techniques. Spring semesters.

#### ELEC. PHYSICS 342E ELECTRONIC CIRCUITS II

3 credits

Prerequisite, EPH 322E

This course continues the study of active devices in electronic circuits. Topics covered include: feedback amplifiers, oscillators, tuned circuits, high frequency amplifiers, operational amplifiers, and power amplifiers. (Formerly, Elec. Physics 335E) Fall semester — Odd years.

#### ELEC. PHYSICS 411E FIELD THEORY

Prerequisites, EPH 322E, MTH 325E

3 credits

This course discusses static and time-varying electromagnetic fields and leads up to wave propagation and radiation. Included are: fields in basic circuit elements and relation of field theory to circuit theory, Maxwell's equations, reflection and refraction of waves, transmission lines and simple wave guides. Fall semester — Even years.

#### ELEC. PHYSICS 412E PULSE AND DIGITAL ELECTRONICS

Prerequisite, EPH 342E

3 credits

This course is concerned with circuits used in computers and data acquisition systems. Topics include digital gates, logic families, digital system building blocks, combinational and sequential circuits, memory, waveform generators, A/D and D/A converters. Spring semesters.

#### ELEC. PHYSICS 420E COMMUNICATIONS

Prerequisite, EPH 412E

3 credits

A basic introduction to communication systems. Topics covered include: the concepts of information content and channel capacity. Fourier analysis and transmission through linear systems, sampling theory, digital and analog communication, signal generation, modulation and detection. Fall semester — Odd years.

#### ELEC. PHYSICS 430E INTRODUCTION TO INTEGRATED ELECTRONICS

Prerequisite, EPH. 335E

3 credits

A brief introduction to the basic concepts of microelectronics is followed by a discussion of the available technologies, i.e. thick film, thin film, monolithic semiconductor and hybrid approaches, their relative merits and fields of application. After a short review of the physical principles of semiconductor device operation the IC fabrication processes (such as epitaxial growth, oxidation, diffusion, photolithography, etc.) will be discussed. A general review of the characteristics of the principal families of bipolar and MOS (PMOS\* NMOS\* and CMOS) integrated circuits will be given and some simple examples of their use as analog and as digital system building blocks will be described. After introducing practical IC design principles and discussing LSI approaches, integrated circuit packaging and reliability considerations will be discussed. Fall semester — Even years.

#### ELEC. PHYSICS 432E MODERN COMMUNICATION SYSTEMS

Prerequisite, EPH 420E

3 credits

An introduction to the theoretical foundations of modern communication systems and descriptions of example systems. Topics to be included are a review of probability theory, the mathematical description of random waveforms, the detection

of signals in noise, signal design and the concept of channel capacity. Included will be a detailed examination of such modern communication systems as satellite relays and tropo scatter links with the objective of illustrating the application of the theoretical principles. Spring semester — Even years.

#### **ELEC. PHYSICS 434E MODERN PHYSICS**

Prerequisites, EPH 311E, MTH 325E

3 credits

This course develops in greater depth the areas of physics which are necessary for an understanding of modern electronic devices. Newtonian mechanics is reviewed with emphasis on more general techniques of solving problems. The laws of quantum mechanics are introduced and are illustrated by a discussion of simple one and three-dimensional quantum phenomena. The concepts are extended to a quantum mechanical description of atomic structure, the periodic table of the elements, and the band theory of solids. A brief introduction to statistics is given and the results are applied to the calculation of electron distributions in metals and insulators. Optical properties of atoms and solids are discussed. Spring semester — Odd years.

#### **ELEC. PHYSICS 440E LOGIC DESIGN**

Prerequisite, EPH 412E

3 credits

Non-decimal number systems are introduced with special emphasis on binary arithmetic. Various codes are studied in terms of geometric representations and error detection and correction properties. An introduction of boolean algebra is presented. Analysis and synthesis of combinatorial logic is discussed using boolean algebra and map techniques for simplification. The analysis and synthesis of sequential logic is then discussed along with the development of simple digital configurations such as adders, shifters, timing level generators, parity checkers, decoders, etc. A simple discussion of timing problems, rates and delay is presented. State diagrams, transition tables and timing charts are introduced as design aids. Fall semester — Odd years.

#### **ELEC. PHYSICS 450E INTRODUCTION TO MICROPROCESSORS**

Prerequisite, EPH 412E

4 credits

This course reviews the fundamentals of coding and digital hardware, then discusses the subjects of architecture, hardware and software in relation to microprocessors. Topics include: Microprocessor architecture (ALU, registers, memory, bus structure, I/O); microprocessor programming (instruction set, program organization, subroutines, interrupts, DMA); peripheral hardware; systems architecture (hardware vs. software trade-offs, expansion techniques). The laboratory consists of work with an actual microprocessor system. It culminates in a project in which the student selects an application, then designs and implements a microprocessor system to satisfy the application. Fall semesters.

#### **ELEC. PHYSICS 480E INDEPENDENT STUDY**

3 credits

This course is open to students who have at least a B average and have approval from the Department Chairman. The course work will involve the student in a special off-campus research project under the direction of a faculty member. Fall and Spring semesters.



## **SPECIAL TOPICS TO BE OFFERED 1979-1980**

**HISTORY 360E MODERN IRISH HISTORY: THE IRISH REVOLUTION 1848  
to PRESENT** 3 credits

Among the various topics and themes examined by Dr. John P. Rossi will be: the impact of the Potato Famine, the Fenian movement, the career of Charles Stuart Parnell, the Irish Renaissance, the Easter Rising, Protestant-Catholic relations, and the question of Ulster. Fall 1979.

**HISTORY 361E BEHIND THE IRON CURTAIN: 20TH CENTURY EAST CENTRAL  
EUROPE** 3 credits

Dr. Miroslav Labunka will examine the contemporary history and civilization of Poland, Czechoslovakia, Hungary and Rumania. Spring 1980.

**PHILOSOPHY 270W THE PHILOSOPHY OF SPORTS** 3 credits

Dr. Joseph C. Mihalich will conduct an investigation of sports and athletics in society and culture, focusing on the values and contributions of sports and athletics as one of the most basic and most universal influences in human existence. Among the topics to be discussed are: the philosophical and human aspects of sports and athletics in society and human history; the philosophical aspects of games and sports as the basis of cultural structure; sports and athletics in literature; and the aesthetics of sports and athletics. Spring 1980.

**PSYCHOLOGY 330W AGING: CONCEPTS AND ISSUES** 3 credits

Dr. Joseph D. Kovatch will approach the topic of Human Aging from the point of view of Developmental Psychology. Among the more important concepts and issues to be discussed are: historical perspectives of aging and gerontology; research methodology on the aging process; aging and the effects on learning and memory; aging and the process of intelligence; aging and the motivational process; social gerontology. Fall 1979.

# FALL 1979

COURSE	SECT.	TIME	CR	TITLE
ACCOUNTING				
ACC				
101E	A	MW2	3	Principles, I
101E	B	MW2	3	Principles, I
101E	C	MW3	3	Principles, I
101E	D	TTh2	3	Principles, I
101E	E	TTh3	3	Principles, I
101W	WA	Sat P.M.	3	Principles, I
102E	A	MW3	3	Principles, II
102E	B	TTh2	3	Principles, II
102E	C	TTh3	3	Principles, II
201E	A	MW2	3	Accounting Theory, I
201E	B	MW3	3	Accounting Theory, I
202E	A	MW3	3	Accounting Theory, II
303E	A	MW4	3	Principles of Cost Accounting
304E	A	TTh3	3	Auditing
310E	A	TTh2	3	Financial Statement Analysis
313E	A	TTh4	3	Advanced Cost Accounting
405E	A	TTh3	3	Advanced Theory, I
406E	A	TTh4	3	Advanced Theory, II
408E	A	TTh3	3	Taxation of Individuals
408E	B	TTh4	3	Taxation of Individuals
419E	A	TTh4	3	Advanced Accounting Problems

## ART

## ART

101E	A	TTh1	3	Elements of Art
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## BIOLOGY

## BIO

153E	A	TTh3	3	The Animal Kingdom: Fantasy and Fact
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## CHEMISTRY

## CHM

100E	A	T3/4	3	Fundamentals of Chemistry
111E	A	T3/4	4	General Chemistry, I
111W	WA	Sat A.M.	-	Laboratory
201E	A	M3/4	4	Organic Chemistry, I
201W	WA	Sat A.M.	-	Laboratory
401E	A	T3/4	4	Qualitative Organic Analysis
401W	WA	Sat P.M.	-	Laboratory
470E	A	W3/4	3	Special Topic: Polymers

1st period: 4:30 to 5:45 P.M.; 2nd period: 5:55 to 7:10 P.M.

3rd period: 7:20 to 8:35 P.M.; 4th period: 8:45 to 10:00 P.M. (10:15 for 4 s.c. hrs.)

COURSE	SECT.	TIME	CR	TITLE
CHM				
480E	A	See Chairman	4	Chemical Research
481E	A	Th3/4	3	Seminar Research
COMPUTER AND INFORMATION SCIENCE				
CSC				
151E	A	MW2	3	Introduction to Computing
151E	B	MW2	3	Introduction to Computing
151E	C	MW3	3	Introduction to Computing
151E	D	TTh2	3	Introduction to Computing
151E	E	TTh3	3	Introduction to Computing
151E	F	TTh3	3	Introduction to Computing
154E	A	TTh4	3	COBOL in Business Data Processing
253E	A	TTh3	3	Computer Organization and Programming
350E	A	TTh2	3	Discrete Structures
353E	A	TTh3	3	Systems Analysis, I
ECONOMICS				
ECN				
101E	A	MW2	3	Introductory, I
101E	B	MW3	3	Introductory, I
101E	C	TTh2	3	Introductory, I
101E	D	TTh3	3	Introductory, I
101W	WA	Sat A.M.	3	Introductory, I
102E	A	MW3	3	Introductory, II
102E	B	TTh3	3	Introductory, II
202E	A	MW4	4	Intro. to Mathematical Economics
213E	A	MW2	3	Economics & Business Statistics, I
213E	B	TTh2	3	Economics & Business Statistics, I
302E	A	MW3	3	Managerial Economics
302E	B	TTh2	3	Managerial Economics
411E	A	MW3	3	History of Economic Thought
EDUCATION				
EDC				
141E	A	TTh2	3	Introduction to Exceptional Children
203E	A	TTh3	3	The Child: Educational Psychology
302E	A	W1/2	3	Audio-Visual Aids
304E	A	MW2	3	Developmental Reading
401E	A	W3/4	3	Special Methods: Comp. Social Studies
401E	B	W3/4	3	Special Methods: Mathematics & Science
470E	A	Arranged	9	Practicum in Student Teaching
482E	A	MW3	3	Introduction to Geography

COURSE	SECT.	TIME	CR	TITLE
ELECTRONIC PHYSICS				
EPH				
101E	A	MW3/4	4	General Physics I & Lab
103E	A	MW2	3	General Physics, III
212E	A	T3/4	3	Circuit Theory, I
311E	A	T3/4	3	Electronic Devices
342E	A	W3/4	3	Electronic Circuits, II
420E	A	MW4	3	Communications
440E	A	MW3	3	Logic Design
450W	WA	Sat A.M.	4	Intro. to Microprocessors
480E	A	See Chairman	3	Independent Study
ENGLISH				
ENG				
010E	A	MW2	0	Fundamentals
010E	B	TTh3	0	Fundamentals
020E	A	MW3	0	College Reading and Study Skills
101E	A	MW2	3	Writing, I
101E	B	MW3	3	Writing, I
101E	C	MW4	3	Writing, I
101E	D	TTh2	3	Writing, I
101E	E	TTh3	3	Writing, I
101E	F	TTh4	3	Writing, I
101W	WA	Sat P.M.	3	Writing, I
101W	WB	6 Sat. Series A	3	Writing, I
102E	A	MW2	3	Writing, II
102E	B	MW3	3	Writing, II
102E	C	TTh2	3	Writing, II
102E	D	TTh3	3	Writing, II
102E	E	TTh4	3	Writing, II
161E	A	MW3	3	Experience of Literature
161E	B	TTh4	3	Experience of Literature
162E	A	MW1	3	Concepts of Heroism
162E	B	TTh3	3	Concepts of Heroism
164E	A	MW2	3	Works of Major Authors
164E	B	TTh2	3	Works of Major Authors
164W	WA	Sat A.M.	3	Works of Major Authors
202W	WA	6 Sat. Series A	3	Introduction to Drama
254E	A	MW4	3	Oral Communication
257E	A	MW2	3	Introduction to Mass Media
313W	WA	6 Sat. Series B	3	Contemporary Poetry
321E	A	TTh2	3	Middle English Literature
328E	A	TTh3	3	Readings in the Novel to 1900
343E	A	TTh4	3	American Literature: 20th Century
356E	A	MW3	3	Television Production
401W	WA	Sat A.M.	3	Literary Theory and Criticism

COURSE	SECT.	TIME	CR	TITLE
FINANCE				
FIN				
201E	A	MW2	3	Principles of Finance
201E	B	MW3	3	Principles of Finance
201E	C	TTh2	3	Principles of Finance
201E	D	TTh3	3	Principles of Finance
201W	WA	6 Sat	3	Principles of Finance
		Series B		
202E	A	MW3	3	Corporation Finance
202E	B	TTh4	3	Corporation Finance
202W	WA	Sat A.M.	3	Corporation Finance
301E	A	MW3	3	Intro. to Investments & Securities Markets
304E	A	MW3	3	Advanced Corporation Finance
407E	A	MW2	3	International Finance
FOREIGN LANGUAGES AND LITERATURE				
CLA				
161E	A	MW2	3	Greek Classics in English
FRN				
101E	A	TTh2	3	Elementary French, I
201E	A	TTh3	3	Review Grammar and Composition
GER				
101E	A	TTh2	3	Elementary German, I
LAT				
101E	A	MW3	3	Elementary Latin, I
SPN				
101E	A	MW2	3	Elementary Spanish, I
202E	A	MW2	3	Review Grammar and Composition
301E	A	MW3	3	Advanced Conversation and Composition, I
HISTORY				
HIS				
111E	A	MW1	3	Western Civilization to 1500
111E	B	TTh3	3	Western Civilization to 1500
113E	A	MW2	3	Intro to Afro-Asian Worlds, I
115E	A	MW3	3	United States to 1865
115E	B	TTh2	3	United States to 1865
205W	WA	Sat A.M.	3	The Early Middle Ages
214E	A	MW3	3	Modern Europe to 1870
324E	A	MW2	3	Truman to Ford
360E	A	TTh2	3	Special Topic: Modern Irish History

COURSE	SECT.	TIME	CR	TITLE
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## HUMANITIES

### HUM

100W	WA	9/8/79		
		Noon	1	Readings: The Humanities
201E	A	MW3	3	Introduction to Science, I
221E	A	TTh2	3	The Ancient World
223E	A	TTh3	3	The Renaissance Vision
331W	WA	Sat P.M.	3	Readings in Urban America
Meets: 9/8, 9/29, 10/13, and 11/3				

## INSURANCE

### INS

301E	A	TTh2	3	Insurance Principles
304E	A	TTh3	3	Employee Benefit Planning

## LAW

### LAW

201E	A	MW2	3	Law of Contracts
201E	B	TTh2	3	Law of Contracts
201W	WA	Sat P.M.	3	Law of Contracts
202E	A	MW3	3	Legal Environment of Business
202E	B	TTh3	3	Legal Environment of Business
401W	WA	Sat A.M.	3	Law of Real Estate

## MANAGEMENT

### MGT

211E	A	MW3	3	Organizational Behavior
211E	B	TTh2	3	Organizational Behavior
211E	C	TTh3	3	Organizational Behavior
211W	WA	6 Sat	3	Organizational Behavior
		Series A		
212E	A	MW2	3	Operations Management
212E	B	TTh2	3	Operations Management
212W	WA	Sat A.M.	3	Operations Management
225E	A	TTh3	3	Introduction to Systems
226E	A	TTh3	3	Management Control Systems
303E	A	MW2	3	Creative Thinking and Decision Making
304E	A	MW3	3	Production Planning and Control
304E	B	TTh3	3	Production Planning and Control
350E	A	TTh3	3	Effective Communications
401E	A	MW3	3	Business Policy I: The Formulation of Corporate Strategy

See additional courses offered by the Management Department listed under Personnel and Labor Relations.

1st period: 4:30 to 5:45 P.M.; 2nd period: 5:55 to 7:10 P.M.

3rd period: 7:20 to 8:35 P.M.; 4th period: 8:45 to 10:00 P.M. (10:15 for  
4 s.c. hrs.)



COURSE	SECT.	TIME	CR	TITLE
MARKETING				
MKT				
201E	A	MW3	3	Principles of Marketing
201E	B	MW4	3	Principles of Marketing
201W	WA	Sat P.M.	3	Principles of Marketing
302E	A	TTh3	3	Advertising
303E	A	TTh3	3	Sales Administration
402E	A	MW3	3	Marketing Management
404E	A	TTh4	3	Wholesaling
MATHEMATICS				
MTH				
011E	A	TTh2	0	Elementary Algebra
021E	A	TTh2	0	College Algebra
101E	A	MW2	3	Intermediate Algebra
101E	B	MW3	3	Intermediate Algebra
101E	C	MW4	3	Intermediate Algebra
101E	D	TTh2	3	Intermediate Algebra
101W	WA	Sat P.M.	3	Intermediate Algebra
102E	A	MW2	3	Survey of Mathematics
102E	B	MW3	3	Survey of Mathematics
102E	C	MW4	3	Survey of Mathematics
102E	D	TTh3	3	Survey of Mathematics
113E	A	TTh4	4	Algebra and Trigonometry
120E	A	TTh4	4	Analytic Geometry & Calculus, I
201E	A	MW2	3	Elements of Applied Mathematics, I
222E	A	MW4	4	Analytic Geometry & Calculus, II
240E	A	TTh2	3	Linear Algebra
325E	A	TTh3	3	Topics in Applied Mathematics, I
413E	A	TTh4	3	Probability and Statistics
424E	A	TTh3	3	Topics in Applied Mathematics, II
MILITARY SCIENCE				
MSC				
401E	A	TTh1	3	Principles of Military Management, I
MUSIC				
MUS				
101E	A	MW2	3	The Art of Listening
PERSONNEL AND LABOR RELATIONS				
PLR				
301E	A	MW3	3	Labor Problems in America
302E	A	MW2	3	Personnel Administration
302E	B	TTh3	3	Personnel Administration
303E	A	TTh2	3	Labor Legislation

COURSE	SECT.	TIME	CR	TITLE
PHILOSOPHY				
PHL				
161E	A	MW2	3	Human Nature and Human Destiny
161E	B	TTh4	3	Human Nature and Human Destiny
161W	WA	6 Sat Series B	3	Human Nature and Human Destiny
162E	A	MW3	3	Foundations of Moral Life
162E	B	TTh3	3	Foundations of Moral Life
164E	A	MW1	3	Critical Thinking
164E	B	TTh2	3	Critical Thinking
166W	WA	Sat A.M.	3	Reason and Reality
167E	A	TTh4	3	Approaches to God
169E	A	TTh1	3	Work and Culture
169E	B	MW2	3	Work and Culture
201W	WA	Sat P.M.	3	Art and Creativity
202E	A	MW2	3	Eastern Philosophy
222E	A	TTh2	3	Love and Human Sexuality
POLITICAL SCIENCE				
POL				
101E	A	TTh2	3	The Science of Government
102E	A	MW2	3	American Federal Government
234E	A	TTh3	3	Politics of the Soviet Union
PSYCHOLOGY				
PSY				
101E	A	MW2	3	General Psychology, I
101E	B	TTh2	3	General Psychology, I
101W	WA	Sat A.M.	3	General Psychology, I
101W	WB	6 Sat Series A	3	General Psychology, I
102E	A	MW2	3	General Psychology, II
112E	A	TTh4	3	Personnel Psychology
203E	A	M2/3	3	Developmental
203W	WA	6 Sat Series A	3	Developmental
206W	WA	6 Sat Series B	3	Personality Dynamics and Adjustment
210E	A	TTh2	3	Statistics, I
315E	A	MW3	3	Abnormal
330W	WA	Sat P.M.	3	Special Topic: Aging: Concepts & Issues
340E	A	TTh3	3	Methodology for Studies and Research
350E	A	W2/3	3	Effective Communication

1st period: 4:30 to 5:45 P.M.; 2nd period: 5:55 to 7:10 P.M.

3rd period: 7:20 to 8:35 P.M.; 4th period: 8:45 to 10:00 P.M. (10:15 for 4 s.c. hrs.)

COURSE	SECT.	TIME	CR	TITLE
REAL ESTATE				
RES				
101E	A	MW2	3	Principles and Practices
101E	B	TTh2	3	Principles and Practices
201E	A	TTh3	3	Real Estate Finance
205E	A	W2/3	3	Real Estate Management
RELIGION				
REL				
161E	A	MW1	3	The Bible as Religious Literature
161E	B	MW4	3	The Bible as Religious Literature
161E	C	TTh3	3	The Bible as Religious Literature
163E	A	MW2	3	Human Religious Experience
163E	B	TTh2	3	Human Religious Experience
163E	C	TTh4	3	Human Religious Experience
167E	A	MW3	3	Catholicism in the Modern World
167E	B	TTh1	3	Catholicism in the Modern World
167W	WA	6 Sat Series A	3	Catholicism in the Modern World
213E	A	MW2	3	Theology of the New Testament
223W	WA	Sat A.M.	3	Contemporary Moral Problems
229E	A	TTh3	3	Protestant Theology
242E	A	MW3	3	Contemporary Judaism
331E	A	TTh2	3	Development of Christianity in Middle Ages
351E	A	MW3	3	Contemporary Catechetical Methods
SOCIOLOGY				
SOC				
101E	A	MW2	3	Introduction to Sociology
207W	WA	Sat A.M.	3	The City and Social Change
213E	A	TTh2	3	Cultural Anthropology
220E	A	MW3	3	Juvenile Delinquency
221E	A	TTh2	3	Criminology
301E	A	TTh3	3	Statistics and Research Methods, I
305E	A	MW3	3	Society and the Individual
415W	WA	6 Sat Series A	3	Criminal Justice Counseling, I
487E	A	TTh4	3	Seminar in Criminal Justice Re- search and Practice, I

## SPRING 1980

COURSE	SECT.	TIME	CR	TITLE
ACCOUNTING				
ACC				
101E	A	MW2	3	Principles, I
101E	B	MW3	3	Principles, I
101E	C	TTh2	3	Principles, I
101E	D	TTh3	3	Principles, I
102E	A	MW2	3	Principles, II
102E	B	MW3	3	Principles, II
102E	C	TTh2	3	Principles, II
102E	D	TTh3	3	Principles, II
102W	WA	Sat P.M.	3	Principles, II
201E	A	MW2	3	Accounting Theory, I
202E	A	MW2	3	Accounting Theory, II
202E	B	MW3	3	Accounting Theory, II
303E	A	MW4	3	Principles of Cost
303W	WA	Sat A.M.	3	Principles of Cost
304E	A	TTh 3	3	Auditing
310E	A	TTH2	3	Financial Statement Analysis
405E	A	TTh4	3	Advanced Theory, I
406E	A	TTh3	3	Advanced Theory, II
413E	A	TTh4	3	Budgetary Planning and Control
418E	A	TTh3	3	Corporate and Other Taxation
ART				
ART				
101E	A	MW2	3	Elements of Art
BIOLOGY				
BIO				
154E	A	TTh3	3	Plants: Flowering and Non-Flowering
CHEMISTRY				
CHM				
112E	A	T3/4	4	General Chemistry, II
112W	WA	Sat A.M.	—	Laboratory
202E	A	M3/4	4	Organic Chemistry, II
202W	WA	Sat A.M.	—	Laboratory

1st period: 4:30 to 5:45 P.M.; 2nd period: 5:55 to 7:10 P.M.  
 3rd period: 7:20 to 8:35 P.M.; 4th period: 8:45 to 10:00 P.M. (10:15 for  
 4 s.c. hrs.)

COURSE	SECT.	TIME	CR	TITLE
CHM				
402E	A	T3/4	4	Advanced Quantitative Analysis
402W	WA	Sat P.M.	—	Laboratory
414E	A	W3/4	3	Theoretical Organic Chemistry
485E	A	See Chairman	3	Advanced Seminar

## COMPUTER AND INFORMATION SCIENCE

### CSC

151E	A	MW2	3	Introduction to Computing
151E	B	MW3	3	Introduction to Computing
151E	C	TTh2	3	Introduction to Computing
151E	D	TTh3	3	Introduction to Computing
153E	A	TTh3	3	Algorithm and Data Structures
254E	A	TTh2	3	File and Data Management Systems
456E	A	TTh3	3	Programming Languages

## ECONOMICS

### ECN

101E	A	MW3	3	Introductory, I
101E	B	MW4	3	Introductory, I
101E	C	TTh2	3	Introductory, I
102E	A	MW2	3	Introductory, II
102E	B	MW3	3	Introductory, II
102E	C	TTh3	3	Introductory, II
102W	WA	Sat A.M.	3	Introductory, II
201E	A	MW4	3	Monetary Economics
213E	A	MW3	3	Economics and Business Statistics, I
213E	B	TTh2	3	Economics and Business Statistics, I
214E	A	TTh3	3	Economics and Business Statistics, II
302E	A	MW2	3	Managerial Economics
302E	B	TTh3	3	Managerial Economics
412E	A	MW3	3	Contemporary Economic Systems

## EDUCATION

### EDC

201E	A	MW2	3	The School: Edc. in Philosophical & Cultural Perspective
301E	A	MW3	3	The Teacher: Study of Teaching
302E	A	Th1/2	3	Audio-Visual Aids
401E	A	Th3/4	3	Special Methods: English
401E	B	Th3/4	3	Special Methods: Foreign Languages
470E	A	Arranged	9	Practicum in Student Teaching

COURSE	SECT.	TIME	CR	TITLE
ELECTRONIC PHYSICS				
EPH				
102E	A	MW3/4	4	General Physics, II & Lab
312E	A	W3/4	3	Electronic Circuits, I
322E	A	T3/4	3	Circuit Theory, II
412E	A	TTh4	3	Pulse & Digital Electronics
432E	A	MW4	3	Modern Communication Systems
480E	A	See Chairman	3	Independent Study
ENGLISH				
ENG				
010E	A	MW2	0	Fundamentals
010E	B	MW3	0	Fundamentals
010E	C	TTh3	0	Fundamentals
020E	A	MW2	0	College Reading and Study Skills
101E	A	MW2	3	Writing, I
101E	B	MW3	3	Writing, I
101E	C	MW4	3	Writing, I
101E	D	TTh1	3	Writing, I
101E	E	TTh2	3	Writing, I
101E	F	TTh3	3	Writing, I
102E	A	MW2	3	Writing, II
102E	B	MW3	3	Writing, II
102E	C	TTh2	3	Writing, II
102E	D	TTh3	3	Writing, II
102W	WA	Sat P.M.	3	Writing, II
102W	WB	6 Sat	3	Writing, II
		Series A		
166E	A	MW3	3	American Dreams, American Nightmares
166E	B	TTh4	3	American Dreams, American Nightmares
166W	WA	6 Sat	3	American Dreams, American Nightmares
		Series A		
167E	A	MW1	3	Literary Masterpieces
167E	B	TTh2	3	Literary Masterpieces
168E	A	MW2	3	The Modern Condition
168E	B	TTh3	3	The Modern Condition
168W	WA	Sat. A.M.	3	The Modern Condition
207W	WA	Sat. A.M.	3	Creative Writing, I
254E	A	TTh4	3	Oral Communication
259E	A	W3/4	3	The Film as Art
302E	A	TTh3	3	Introduction to Linguistics
312W	WA	6 Sat	3	Readings in Modern Drama
		Series B		
314W	WA	Sat P.M.	3	Modern World Literature
323E	A	TTh2	3	Renaissance Literature
357E	A	TTh3	3	Broadcasting in America



COURSE	SECT.	TIME	CR	TITLE
FINANCE				
FIN				
201E	A	MW3	3	Principles of Finance
201E	B	TTh4	3	Principles of Finance
201W	WA	Sat A.M.	3	Principles of Finance
202E	A	MW2	3	Corporation Finance
202E	B	TTh2	3	Corporation Finance
202E	C	TTh3	3	Corporation Finance
202W	WA	6 Sat	3	Corporation Finance
302E	A	Series B MW2	3	Investment Analysis & Portfolio Management
304E	A	TTh3	3	Advanced Corporation Finance
307E	A	MW3	3	Credit and Collections
FOREIGN LANGUAGES AND LITERATURE				
CLA				
162E	A	MW2	3	Latin Classics in English
FRN				
102E	A	TTh2	3	Elementary French, II
202E	A	TTh3	3	Intermediate Readings
GER				
102E	A	TTh2	3	Elementary German, II
162E	A	TTh3	3	The German Dilemma: Contempo- rary German Literature in English
LAT				
102E	A	MW3	3	Elementary Latin, II
SPN				
102E	A	MW2	3	Elementary Spanish, II
202E	A	MW2	3	Intermediate Readings
302E	A	MW3	3	Advanced Conversation & Composition, II
HISTORY				
HIS				
112E	A	MW1	3	Western Civilization Since 1500
112E	B	TTh3	3	Western Civilization Since 1500
114E	A	MW2	3	Intro to Afro-Asian Worlds, II
116E	A	MW3	3	United States Since 1865
116E	B	TTh2	3	United States Since 1865
206W	WA	Sat A.M.	3	The Later Middle Ages
215E	A	MW3	3	Modern Europe Since 1870
357E	A	MW2	3	Early Modern Britain: Oligarchy to Democracy
361E	A	TTh2	3	Special Topic: Behind the Iron Curtain

COURSE	SECT.	TIME	CR	TITLE
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# HUMANITIES

## HUM

202E	A	MW3	3	Introduction to Science, II
222E	A	TTh2	3	The Medieval Mind
225E	A	TTh3	3	The Modern Crisis
332W	WA	Sat P.M.	3	Ethnicity in American Life
Meets: 1/19, 2/9, 3/1 and 3/22				

# INSURANCE

## INS

302E	A	TTh2	3	Life Insurance
303E	A	TTh3	3	Property and Liability Insurance

# LAW

## LAW

201E	A	MW2	3	Law of Contracts
201E	B	MW3	3	Law of Contracts.
201E	C	TTh3	3	Law of Contracts
202E	A	MW2	3	Legal Environment of Business
202W	WA	Sat P.M.	3	Legal Environment of Business
302W	WA	Sat A.M.	3	Law of Sales and Sales Financing

# MANAGEMENT

## MGT

100W	WA	1/19/80 Noon	1	Readings in Management
211E	A	MW3	3	Organizational Behavior
211E	B	MW4	3	Organizational Behavior
211E	C	TTH3	3	Organizational Behavior
211W	WA	Sat A.M.	3	Organizational Behavior
212E	A	MW3	3	Operations Management
212E	B	TTh3	3	Operations Management
212W	WA	6 Sat Series A	3	Operations Management
221E	A	TTh3	3	Management of Automation
226E	A	MW3	3	Management Control Systems
301E	A	TTh4	3	Quantitative Methods in Manage- ment
304E	A	TTh3	3	Production Planning and Control
404E	A	MW3	3	Small Business Administration
405E	A	MW3	3	Business Policy II: Implementation of Corporate Strategy
480E	A	TTh3	3	Seminar on Development of Mgt.Skills

See additional courses offered by the Management Department under Personnel and Labor Relations.

COURSE	SECT.	TIME	CR	TITLE
MARKETING				
MKT				
201E	A	MW2	3	Principles of Marketing
201E	B	MW3	3	Principles of Marketing
201W	WA	6 Sat Series B	3	Principles of Marketing
301E	A	MW3	3	Personal Selling
304E	A	TTh3	3	Industrial Marketing
401E	A	TTh3	3	Research and Analysis
405E	A	TTh4	3	Marketing Channels
MATHEMATICS				
MTH				
011E	A	TTh2	0	Elementary Algebra
021E	A	TTh2	0	College Algebra
101E	A	MW2	3	Intermediate Algebra
101E	B	MW3	3	Intermediate Algebra
101E	C	MW4	3	Intermediate Algebra
101E	D	TTh3	3	Intermediate Algebra
102E	A	MW2	3	Survey of Mathematics
102E	B	MW3	3	Survey of Mathematics
102E	C	MW4	3	Survey of Mathematics
102E	D	TTh2	3	Survey of Mathematics
102W	WA	Sat P.M.	3	Survey of Mathematics
113E	A	MW4	4	Algebra and Trigonometry
202E	A	MW2	3	Elements of Applied Mathematics, II
221E	A	TTh4	4	Analytic-Geometry and Calculus, II
321E	A	TTh2	3	Advanced Calculus
322E	A	TTh4	3	Ordinary Differential Equations
427E	A	TTh3	3	Topics in Applied Mathematics, III
MILITARY SCIENCE				
MSC				
302E	A	TTh3	3	Advanced MSC: Military Leadership, III
402E	A	TTh1	3	Principles of Military Management, II
MUSIC				
MUS				
101E	A	TTh1	3	The Art of Listening
201E	A	TTh2	3	Introduction to Opera

COURSE	SECT.	TIME	CR	TITLE
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# PERSONNEL AND LABOR RELATIONS

PLR

302E	A	MW2	3	Personnel Administration
302E	B	TTh3	3	Personnel Administration
304E	A	TTh2	3	Wage, Salary & Benefit Administration
401E	A	TTh3	3	Collective Bargaining

# PHILOSOPHY

PHL

161E	A	MW1	3	Human Nature and Human Destiny
161E	B	TTh4	3	Human Nature and Human Destiny
162E	A	MW3	3	Foundations of Moral Life
162E	B	TTh3	3	Foundations of Moral Life
164E	A	MW2	3	Critical Thinking
164E	B	TTh2	3	Critical Thinking
164W	WA	Sat P.M.	3	Critical Thinking
167E	A	MW4	3	Approaches to God
169E	A	MW1	3	Work and Culture
169E	B	TTh2	3	Work and Culture
169W	WA	6 Sat	3	Work and Culture
		Series B		
210E	A	TTh3	3	Existentialism
221E	A	MW2	3	Business Ethics
270W	WA	Sat A.M.	3	Special Topic: Philosophy of Sports

# POLITICAL SCIENCE

POL

104E	A	TTh2	3	Western European Politics
220E	A	TTh3	3	International Relations
222E	A	MW2	3	Survey of Political Thought
240E	A	MW3	3	American State Government

1st period: 4:30 to 5:45 P.M.; 2nd period: 5:55 to 7:10 P.M.

3rd period: 7:20 to 8:35 P.M.; 4th period: 8:45 to 10:00 P.M. (10:15 for 4 s.c. hrs.)

COURSE	SECT.	TIME	CR	TITLE
PSYCHOLOGY				
PSY				
101E	A	MW3	3	General Psychology, I
101E	B	TTh3	3	General Psychology, I
102W	WA	Sat A.M.	3	General Psychology, II
206E	A	TTh3	3	Personality Dynamics and Adjustment
211E	A	TTh2	3	Statistics, II
222E	A	W2/3	3	Interviewing and Counseling Techniques
306E	A	MW3	3	Tests and Measurements
315W	WA	6 Sat Series A	3	Abnormal Psychology
325E	A	W4	3	Readings in Psychology
420E	A	MW2	3	Physiological Psychology
480E	A	TTh3	3	Seminar I
REAL ESTATE				
RES				
101E	A	MW2	3	Principles and Practices
201E	A	MW3	3	Real Estate Finance
210E	A	TTh2	3	Real Estate Appraisal
214E	A	TTh3	3	Investment and Analysis
RELIGION				
REL				
161W	WA	6 Sat Series B	3	The Bible as Religious Literature
165E	A	MW2	3	Religious Vision of Modern Literature
165E	B	TTh1	3	Religious Vision of Modern Literature
165E	C	TTh3	3	Religious Vision of Modern Literature
166E	A	MW1	3	Religions of the East
166E	B	MW4	3	Religions of the East
166E	C	TTh2	3	Religions of the East
167E	A	MW3	3	Catholicism in the Modern World
167E	B	TTh4	3	Catholicism in the Modern World
210E	A	MW2	3	Old Testament Themes
212E	A	MW3	3	Prophets of Ancient Israel
220W	WA	Sat A.M.	3	The Church: Contemporary Issues & Answers
222E	A	TTh2	3	The Sacraments
332E	A	TTh3	3	Nineteenth-Century Religious Thought

COURSE	SECT.	TIME	CR	TITLE
SOCIOLOGY				
SOC				
102E	A	MW2	3	Social Problems
211E	A	MW3	3	Marriage and the Family
212E	A	MW2	3	Minority Groups
222E	A	MW3	3	Penology
302E	A	TTh3	3	Statistics and Research Methods, II
306E	A	MW4	3	Complex Organizations
310E	A	TTh2	3	Sociological Theory
416W	WA	6 Sat	3	Criminal Justice Counseling, II
488E	A	Series A TTh4	3	Seminar in Criminal Justice Research and Practice, II

1st period: 4:30 to 5:45 P.M.; 2nd period: 5:55 to 7:10 P.M.  
 3rd period: 7:20 to 8:35 P.M.; 4th period: 8:45 to 10:00 P.M. (10:15 for  
 4 s.c. hrs.)



## WEEKEND CAMPUS FALL 1979

**SATURDAY MORNINGS:** Classes meet every Saturday from 9:00 A.M. to 11:45 A.M.

COURSE	SECT.	CR	TITLE
ECN 101W	WA	3	Introductory, I
EPH 450W	WA	4	Introduction to Microprocessors
ENG 164W	WA	3	Works of Major Authors
401W	WA	3	Literary Theory and Criticism
FIN 202W	WA	3	Corporation Finance
HIS 205W	WA	3	The Early Middle Ages
LAW 401W	WA	3	Law of Real Estate
MGT 212W	WA	3	Operations Management
PHL 166W	WA	3	Reason and Reality
PSY 101W	WA	3	General Psychology, I
REL 223W	WA	3	Contemporary Moral Problems
SOC 207W	WA	3	The City and Social Change

**SATURDAY AFTERNOONS:** Classes meet every Saturday from 12:30 P.M. to 3:15 P.M.

ACC 101W	WA	3	Introductory Accounting, I
ENG 101W	WA	3	Writing, I
HUM 331W	WA	3	Readings in Urban America (Meets: 9/8, 9/29, 10/13, and 11/3)
LAW 201W	WA	3	Law of Contracts
MKT 201W	WA	3	Principles of Marketing

COURSE	SECT.	TIME	CR	TITLE
MTH 101W	WA	3		Intermediate Algebra
PHL 201W	WA	3		Art and Creativity
PSY 330W	WA	3		Special Topic: Aging: Concepts and Issues

### FALL 1979

**SERIES A SIX INTENSIVE SATURDAYS:** Classes meet from 9:30 A.M. to 4:30 P.M., with an hour for lunch. There is a required organizational meeting with the instructor from 10:00 A.M. to 11:00 A.M. on September 8. Full class meetings are held on: September 15, 29; October 13, 27; November 10; December 1. Final examination on December 15 at 9:30 A.M.

ENG 101W	WB	3		Writing, I
202W	WA	3		Introduction to Drama
MGT 211W	WA	3		Organizational Behavior
PSY 101W	WB	3		General Psychology, I
203W	WA	3		Developmental Psychology
REL 167W	WA	3		Catholicism in the Modern World
SOC 415W	WA	3		Criminal Justice Counseling, I

**SERIES B SIX INTENSIVE SATURDAYS:** Classes meet from 9:30 A.M. to 4:30 P.M., with an hour for lunch. There is a required organizational meeting with the instructor from 11:15 A.M. to 12:15 P.M. on September 8. Full class meetings are held on: September 22; October 6, 30; November 3, 17; December 8. Final examination on December 15 at 1:30 P.M.

ENG 313W	WA	3		Contemporary Poetry
FIN 201W	WA	3		Principles of Finance
PHL 161W	WA	3		Human Nature and Human Destiny
PSY 206W	WA	3		Personality Dynamics and Adjustment

## WEEKEND CAMPUS SPRING 1980

**SATURDAY MORNINGS:** Classes meet every Saturday from 9:00 A.M. to 11:45 A.M.

COURSE	SECT.	CR	TITLE
ACC 303W	WA	3	Cost Accounting
ECN 102W	WA	3	Introductory, II
ENG 168W	WA	3	The Modern Condition
207W	WA	3	Creative Writing, I
FIN 201W	WA	3	Principles of Finance
HIS 206W	WA	3	The Later Middle Ages
LAW 302W	WA	3	Law of Sales and Sales Financing
PHL 270W	WA	3	Special Topic: Philosophy of Sports
PSY 102W	WA	3	General Psychology, II
REL 220W	WA	3	The Church: Contemporary Issues and Answers

**SATURDAY AFTERNOONS:** Classes meet every Saturday from 12:30 P.M. to 3:15 P.M.

ACC 102W	WA	3	Principles, II
ENG 102W	WA	3	Writing, II
314W	WA	3	Modern World Literature
HUM 332W	WA	3	Ethnicity in American Life (Meets: 1/19, 2/9, 3/1, and 3/22)
LAW 202W	WA	3	Legal Environment of Business
MTH 102W	WA	3	Survey of Mathematics
PHL 164W	WA	3	Critical Thinking

## SPRING 1980

**SERIES A SIX INTENSIVE SATURDAYS:** Classes meet from 9:30 A.M. to 4:30 P.M., with an hour for lunch. There is a required organizational meeting with the instructor from 10:00 A.M. to 11:00 A.M. on January 19. Full class meetings are held on: January 26; February 9, 23; March 8, 22; April 19. Final examination on April 26 at 9:30 A.M.

ENG			
102W	WB	3	Writing, II
166W	WA	3	American Dreams, American Nightmares
MGT			
212W	WA	3	Operations Management
PSY			
315W	WA	3	Abnormal Psychology
SOC			
416W	WA	3	Criminal Justice Counseling, II

**SERIES B SIX INTENSIVE SATURDAYS:** Classes meet from 9:30 A.M. to 4:30 P.M., with an hour for lunch. There is a required organizational meeting with the instructor from 11:15 A.M. to 12:15 P.M. on January 19. Full class meetings are held on: February 2, 16; March 1, 15, 29; April 12. Final examination on April 26 at 1:30 P.M.

ENG			
312W	WA	3	Readings in Modern Drama
FIN			
202W	WA	3	Corporation Finance
MKT			
201W	WA	3	Principles of Marketing
PHL			
169W	WA	3	Work and Culture
REL			
161W	WA	3	The Bible as Religious Literature

## ENGLISH

### GENERAL EDUCATION

The English Department offers the courses listed here to fulfill the general education requirement in composition and literature. The Department of Foreign Languages and Literatures also offers courses that may be taken to fulfill the literature requirement in General Education

#### ENGLISH 101E WRITING I

3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected readings to stimulate writing; conferences with instructor. Students must pass a departmental examination in basic writing skills at the end of the course. Fall and Spring semesters.

#### ENGLISH 102E WRITING II

3 credits

Prerequisite, English 101E  
Writing assignments based upon readings in literature; the research paper. Weekly themes; conferences with instructor. Fall and Spring semesters.

#### ENGLISH 161E THE EXPERIENCE OF LITERATURE

3 credits

An examination of selected fiction, poetry, and drama, and the way in which the form of a work interacts with its content. Imaginative literature will encourage the student to read with increased taste, perception and pleasure. Short critical papers. Fall semesters.

#### ENGLISH 162E CONCEPTS OF HEROISM

3 credits

Discusses the hero as a phenomenon that has appeared in various forms in literature from earliest times to the present. Short critical papers. Fall semesters.

#### ENGLISH 164E WORKS OF MAJOR AUTHORS

3 credits

An introduction to the works of several major figures who, because of their timeless appeal, have continued to attract and excite readers through the centuries. Readings will be drawn from English and American authors. Short critical papers. Fall semesters.

#### ENGLISH 166E AMERICAN DREAMS, AMERICAN NIGHTMARES

3 credits

A study of the literary expression of the pioneer "dreams" of progress and freedom, and the "nightmares" they became in the face of war, poverty, discrimination, and the industrial and technological revolutions. Short critical papers. Spring semesters.

#### ENGLISH 167E LITERARY MASTERPIECES

3 credits

A selection of literary masterpieces from all genres ranging over several historical periods. At least two-thirds of the works will be drawn from a pre-arranged list which will include classical English and American authors. Short critical papers. Spring semesters.

#### ENGLISH 168E THE MODERN CONDITION

3 credits

An examination of the writer's response to the complexities of life in the twentieth century and to man's ability or inability to deal with social and personal problems. Major emphasis will be placed on modern and contemporary British and American fiction; consideration will also be given their forms. Short critical papers. Spring semesters.



**ENGLISH**  
**John J. Seydow, Ph.D., Chairman**

Required for Major in English: 15 courses

- English 103E, 201E, 202E, 221E, 222E, 301E or 302E, 311E or 328E, 325E, 340E.
- Three period courses chosen from English 321E, 323E, 327E, 329E, 330E, 332E, or 343E.
- Three elective courses in literature.

Required for Major in Education-English (10 courses)

- English 103E, 201E, 202E, 221E, 222E, 301E or 302E, 311E or 328E, 325E, 340E.
- An elective course in literature.

**ENGLISH 010E FUNDAMENTALS OF ENGLISH COMPOSITION** No credit  
A review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 101E. This course is not intended for students for whom English is a second language. Fall and Spring semesters.

**ENGLISH 020E COLLEGE READING AND STUDY SKILLS** No credit  
This course concentrates on methods of improving reading and study skills. Attention is given to the development of vocabulary, mechanics of good reading habits, the formulation of study habits and schedules, and the strategies of test taking. Fall and Spring semesters.

**ENGLISH 101E WRITING I** 3 credits  
Training in exposition; occasional papers in narration. Weekly themes; selected reading to stimulate writing; conferences with instructor. Students must pass a departmental examination in basic writing skills at the end of the course. Fall and Spring semesters.

**ENGLISH 102E WRITING II** 3 credits  
Writing assignments based upon readings in literature; the research paper. Weekly themes; conferences with instructor. Fall and Spring semesters.

**ENGLISH 103E INTRODUCTION TO FICTION** 3 credits  
Reading, analysis, and discussion of short fiction.

**ENGLISH 201E INTRODUCTION TO POETRY** 3 credits  
A study of the uses of language in English poetry—meter, metaphor, symbol, and other linguistic features—and of the major conventional forms of English poetry.

**ENGLISH 202E INTRODUCTION TO DRAMA** 3 credits  
Training for literary understanding and appreciation through a study of drama as an art form. Fall 1979.

**ENGLISH 205E WRITING IV** 3 credits  
Prerequisite, English 102E  
An exploratory course that permits students to discover and develop talent in various kinds of writing. Attention to résumés, business correspondence, and reports. (Formerly, "Advanced Exposition")

**ENGLISH 207E CREATIVE WRITING I** 3 credits  
Workshop in writing and evaluating of original fiction and verse. Spring 1980.

**ENGLISH 221E LITERATURE OF ENGLAND — PART 1** 3 credits  
A study of the literary movements and forms from the Old English period to the decline of Neoclassicism, with concentration on the representative authors and works. Fall 1980.

**ENGLISH 222E LITERATURE OF ENGLAND — PART 2** 3 credits  
A continuation of English 221E, beginning with the Pre-Romantics and extending through the Edwardians. Spring 1981.

- ENGLISH 225E SHAKESPEARE'S ART AND TIMES 3 credits  
Readings in Shakespeare's plays, emphasizing his success as a writer for the stage. Some consideration of the cultural background. A course designed with the non-English major in mind. (Formerly, English 324E "Shakespeare")
- ENGLISH 254E ORAL COMMUNICATION 3 credits  
Speech composition, audience psychology, and technique of delivery; emphasis on practical speaking experience. Fall and Spring semesters.
- ENGLISH 257E INTRODUCTION TO MASS MEDIA 3 credits  
Investigation of newspapers, magazines, radio, television, and film as mass media. Influence of the medium on content. Internal and external efforts at regulation. Fall semesters.
- ENGLISH 259E THE FILM AS ART 3 credits  
Study of selected films and discussion of cinematographic techniques involved. Spring semesters.
- ENGLISH 301E HISTORY OF THE ENGLISH LANGUAGE 3 credits  
Origins and development of modern English from Old and Middle English; dialects and dialect geography. May be used to meet a linguistic requirement.
- ENGLISH 302E INTRODUCTION TO LINGUISTICS 3 credits  
Modern theories about the nature of language and new techniques for grammatical analysis. An attempt is made to apply the principles of linguistics to the teachings of English and of foreign languages. Spring 1980.
- ENGLISH 305E CREATIVE WRITING II 3 credits  
A continuation of English 207E. Offered in response to student interest.
- ENGLISH 306E CREATIVE WRITING III 3 credits  
A continuation of English 207E or 305E. Offered in response to student interest.
- ENGLISH 311E THE CONTEMPORARY BRITISH AND AMERICAN NOVEL 3 credits  
A study of the major novelists of the present century in England and America; structure and trends.
- ENGLISH 312E READING IN MODERN DRAMA 3 credits  
A study of selected plays of the modern theatre with an emphasis on the forces which have shaped the drama of England, Ireland, and America. Spring 1980.
- ENGLISH 313E CONTEMPORARY POETRY 3 credits  
An examination of representative 20th century poetic practice in English. Fall 1979.
- ENGLISH 314E MODERN WORLD LITERATURE 3 credits  
Readings—ranging through novels, poems, plays—in works by great Continental writers including Tolstoi, Undset, Gide, Mann, Pasternak, Lorca, Mauriac, Rilke, Unamuno and others. Spring semester — Even years.
- ENGLISH 315E MAJOR THEMES IN WESTERN LITERATURE 3 credits  
The study of selected titles from the liberal tradition of the Western world in terms of eight magnet themes: God, Man, Nature, Revolution, War and Peace, Love, Truth, Art. The authors studied range from Plato to Darwin, Marx, Freud, Sartre. Basically a discussion and independent-discovery course.
- ENGLISH 321E MIDDLE ENGLISH LITERATURE 3 credits  
A survey of English literature of the 12th through the 15th centuries, including Chaucer. Fall 1979.
- ENGLISH 323E RENAISSANCE LITERATURE 3 credits  
Selected readings in the literature of the English Renaissance. Attention to the types and sub-types of poetry and prose in the 15th and 17th centuries. Spring 1980.
- ENGLISH 325E SHAKESPEARE 3 credits  
Intensive study of selected poems and plays, including tragedies, comedies, and chronicles, exploring the dramatic, literary, and historical dimensions of his art.

- ENGLISH 327E RESTORATION AND 18TH CENTURY LITERATURE** 3 credits  
A consideration of the literary theories of the neoclassical periods and study of the works of such writers as Dryden, Pope, Swift, Addison and Steele, Johnson, and their outstanding contemporaries.
- ENGLISH 328E READINGS IN THE NOVEL TO 1900** 3 credits  
Historical development of the genre; structural patterns of the narrative form; analysis and discussion of assigned readings. Fall 1979.
- ENGLISH 329E ENGLISH LITERATURE OF THE ROMANTIC PERIOD** 3 credits  
An historical survey of Coleridge, Wordsworth, Byron, Shelly, Keats and their contemporaries.
- ENGLISH 330E ENGLISH LITERATURE OF THE VICTORIAN PERIOD** 3 credits  
The chief literary figures of the period—Tennyson, Arnold, Browning, Hopkins, Carlyle, Newman, Ruskin—and their contemporaries placed against their milieu.
- ENGLISH 332E MODERN BRITISH LITERATURE** 3 credits  
Beginning with Shaw and Yeats and covering the major figures up to the present. Drama, fiction, poetry with some attention to the cultural, social, and artistic influence which shaped this literature.
- ENGLISH 340E AMERICAN LITERATURE: 19TH CENTURY** 3 credits  
Romantic Movement, Rise of Realism, and Naturalism. Representative readings in those movements and in all forms except drama.
- ENGLISH 343E AMERICAN LITERATURE: 20TH CENTURY** 3 credits  
Survey of developments in poetry, fiction, and criticism, including representative works of such writers as Hemingway, Fitzgerald, Faulkner, Frost, Eliot, Steinbeck, and selected representatives of the 1950's and 1960's. Fall 1979
- ENGLISH 356E TELEVISION PRODUCTION** 3 credits  
Introduction to the planning, production, and editing methods of electronic communication. Includes pre-production scripting and participation in production of videotaped shows. Fall 1979.
- ENGLISH 357E BROADCASTING IN AMERICA** 3 credits  
Prerequisite, English 257E  
A study of the structure of broadcasting in America and of its interaction with society.
- ENGLISH 401E LITERARY THEORY AND CRITICISM** 3 credits  
An introduction to theories of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings. Fall 1979.
- ENGLISH 470E SPECIAL TOPICS** 3 credits  
Special studies on a particular literary topic. The subject matter will vary from term to term. Offered in response to student interest. Spring 1980.

## **FINANCE**

**Robert Macaulay, M.B.A., Chairman**

The Professional Option in Finance consists of four courses beyond the introductory courses. You are advised to consult with the Department Chairman in planning your major concentration and your roster.

- FINANCE 201E PRINCIPLES OF FINANCE** 3 credits  
This is a course which is designed to give the student an understanding of the nature and operation of our money and banking systems and of the application of monetary and banking theory to current problems. Particular emphasis is placed on

monetary standards and commercial bank operations. The effects of Federal Reserve policy and Federal Treasury fiscal policies on financial institutions are fully treated. Fall and Spring semesters.

**FINANCE 202E CORPORATION FINANCE** 3 credits

A broad survey course which covers ratio analysis, basic financial forecasting, profit planning and budgeting along with operating and financial leverage of a business organization. Raising funds in capital and money markets is also given wide coverage in addition to cash management, mergers, acquisitions, corporate reorganization and tax considerations. Fall and Spring semesters.

**FINANCE 301E INTRODUCTION TO INVESTMENTS AND SECURITIES MARKETS**  
Prerequisite, Finance 201E 3 credits

A study of the stock market, its trading operations and regulations. Development of investment policies for personal programs as compared to institutional uses of funds. Fall semester.

**FINANCE 302E INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT**  
Prerequisite, Finance 301E 3 credits

Development of fundamental techniques of security analysis in order to determine investment characteristics and evaluate existing holding of securities. Spring semesters.

**FINANCE 304E ADVANCED CORPORATION FINANCE**  
Prerequisite, Finance 202E 3 credits

An analysis of the financial theory of the firm, including financial planning and control, budgeting, measurement of profitability and risk, and the cost of capital. Fall semesters.

**FINANCE 307E CREDIT AND COLLECTIONS**  
Prerequisite, Finance 201E 3 credits

This course is a detailed study of the organization and management of a credit department, investigation techniques, principles of statement analysis, collection methods and the legal aspects of bankruptcy and receivership in credit work. Spring semesters.

**FINANCE 407E INTERNATIONAL FINANCE** 3 credits

A study of the institutions and instruments in the field of international business financing by analyzing the organization and operation of commercial banks, both domestic and foreign, and evaluating the trends in international capital and money markets to determine their impact on direct and indirect foreign investment. Fall semesters.

## FOREIGN LANGUAGES AND LITERATURES

### GENERAL EDUCATION

The Department of Foreign Languages and Literatures offers the courses listed here to fulfill the general education requirement. The English Department also offers courses that may be taken to fulfill the literature requirement in general education.

### CLASSICS

CLASSICS 161E GREEK CLASSICS IN ENGLISH 3 credits

A study of the literary history of Greece; significant Greek classics read and discussed. Knowledge of Greek not required. Texts in English. Short critical papers. Fall semesters.

CLASSICS 162E LATIN CLASSICS IN ENGLISH 3 credits

A study of the literary history of Rome and the influence of Latin literature on western thought, including, its indebtedness to the literature of Greece. Significant Latin classics read and discussed. Knowledge of Latin not required. Texts in English. Short critical papers. Spring semesters.

### FRENCH

FRENCH 161E IDEALS AND IRONIES: MODERN FRENCH LITERATURE IN ENGLISH 3 credits

The rise of modernism as seen through some of the major works of the 19th Century French literature: Stendhal, Flaubert, Nerval, Baudelaire, Rimbaud, Mallarme, Huysmans and Jarry. Texts in English. Short critical papers.

FRENCH 162E REVOLT AND REVOLUTION: CONTEMPORARY FRENCH LITERATURE IN ENGLISH 3 credits

A study of man's attempt to deal with despair and inauthenticity in France during the 20th Century as seen in some of the major works of the period: Apollinaire, Gide, Breton, Sartre, Beckett, Ionesco, Robbe-Grillet and Michaux. Texts in English. Short critical papers.

### GERMAN

GERMAN 161E THE GERMAN MIND: MODERN GERMAN LITERATURE IN ENGLISH 3 credits

An introduction to the selected works of prominent German writers of the Classical and Romantic ages. A composite view of the German mind of the 18th and 19th centuries. Readings from Goethe, Schiller, Kleist, Heine, and Keller. Texts in English. Short critical papers.

GERMAN 162E THE GERMAN DILEMMA: CONTEMPORARY GERMAN LITERATURE IN ENGLISH 3 credits

An introduction to the selected works of prominent German writers of the 20th century. A study of the authors' attempts to restore values to life and their search for authenticity. Readings from: Mann, Kafka, Rilke, Brecht, and Grass. Texts in English. Short critical papers. Spring 1980.

### SPANISH

SPANISH 161E REALITY VS. ILLUSION: HISPANIC LITERATURE IN ENGLISH 3 credits

Varying facets of a persistent theme of human existence evolve in readings from *Lazarillo*, and *Don Quixote*, and selections by Calderon, Cortazar, Borges and Cela. Texts in English. Short critical papers.

SPANISH 162E LIFE AND DEATH: HISPANIC LITERATURE IN ENGLISH 3 credits

A persistent theme of existentialism is revealed in *Celestina* and selections by Unamuno, Lorca, Ortega, Fuentes, and Neruda. Texts in English. Short critical papers.



## **FOREIGN LANGUAGES AND LITERATURES**

**Bernhardt G. Blumenthal, P.D., Chairman**

### **FRENCH**

**FRENCH 101E ELEMENTARY FRENCH I** 3 credits

This course is designed to familiarize the student with the basic rules governing French grammar and phonetics and to provide practice in comprehending, speaking, reading, and writing the language. Fall semesters.

**FRENCH 102E ELEMENTARY FRENCH II** 3 credits

This course is a continuation of the fundamentals of grammar with emphasis on short oral exercises. Spring semesters.

**FRENCH 201E REVIEW GRAMMAR AND COMPOSITION** 3 credits

This course stresses grammatical review, exercises in composition and selected readings. Fall semesters.

**FRENCH 202E INTERMEDIATE READINGS** 3 credits

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Spring semesters.

### **GERMAN**

**GERMAN 101E ELEMENTARY GERMAN I** 3 credits

This course is designed to familiarize the student with the basic rules governing German grammar and phonetics and to provide practice in comprehending, speaking, reading, and writing the language. Fall semesters.

**GERMAN 102E ELEMENTARY GERMAN II** 3 credits

This course is a continuation of the fundamentals of grammar with emphasis on short oral exercises. Spring semesters.

**GERMAN 201E REVIEW GRAMMAR AND COMPOSITION** 3 credits

This course stresses grammatical review, exercises in composition, and selected readings.

**GERMAN 202E INTERMEDIATE READINGS** 3 credits

Selected readings of moderate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country.

### **SPANISH**

**SPANISH 101E ELEMENTARY SPANISH I** 3 credits

This course is designed to familiarize the student with the basic rules governing Spanish grammar and phonetics and to provide practice in comprehending, speaking, reading, and writing the language. Fall semesters.

**SPANISH 102E ELEMENTARY SPANISH II** 3 credits

This course is a continuation of the fundamentals of grammar with emphasis on short oral exercises. Spring semesters.

**SPANISH 201E REVIEW GRAMMAR AND COMPOSITION** 3 credits

This course stresses grammatical review, exercises in composition and selected readings. Fall semesters.

**SPANISH 202E INTERMEDIATE READINGS** 3 credits

Selected readings of intermediate difficulty from writers of the nineteenth and twentieth centuries with a view to introducing the student to the literature and civilization of the country. Spring semesters.

SPANISH 301E ADVANCED CONVERSATION AND COMPOSITION, I 3 credits

This course includes intensive oral and written exercises with a view towards improving the student's speaking and writing. Students make frequent use of audio aids. Fall 1979.

SPANISH 302E ADVANCED CONVERSATION AND COMPOSITION, II 3 credits

Training in the use of correct idiomatic Spanish and in the practical application of grammatical principles; intensive exercises in oral and written expression. Spring 1980.

SPANISH-EDUCATION 350E SPANISH FOR EDUCATORS 3 credits

A course designed to increase the Spanish language skills of teachers and social workers. Special emphasis is given to the vocabulary of each area. An attempt will be made for total immersion by utilizing as many opportunities as possible for practice in listening and speaking Spanish. Guest presentations and field visits to bilingual schools and centers.

SPANISH-EDUCATION 351E METHODS AND TECHNIQUES IN TEACHING

BILINGUAL EDUCATION

3 credits

This course deals with problems—linguistic and cultural—in teaching in a bilingual setting. Emphasis is placed upon materials and techniques and attitudes of teachers and students. There is systematic analysis of Spanish language and culture in terms of the target language.

### GENERAL EDUCATION COURSES

N.B. These courses may not be used to fulfill Distribution requirements.

Please see course descriptions under the individual departments.

#### Composition

Eng 101E

Eng 102E

#### Literature

Eng 161E

Eng 162E

Eng 164E

Eng 166E

Eng 167E

Eng 168E

#### Philosophy

Series A

Phl 161E

Phl 162E

Phl 164E

Series B

Phl 166E

Phl 167E

Phl 169E

#### Foreign Literature in Translation

Cla 161E

Cla 162E

Frn 161E

Frn 162E

Ger 161E

Ger 162E

Spn 161E

Spn 162E

#### Religion

Rel 161E

Rel 163E

Rel 165E

Rel 166E

Rel 167E

## HISTORY

**Minna F. Weinstein, Ph.D., Chairperson**

Required for Major in History: 12 courses

The history major should take 2 to 4 courses from Section A, 4 to 6 courses from Section B, and 4 to 6 courses from Section C or Sections C and D. Exceptions must be approved by the Chairperson.

### SECTION A:

#### INTRODUCTORY SURVEYS

These survey courses are broad studies of certain parts of the world; the Department recommends these foundation courses for beginning students.

**HISTORY 111E HISTORY OF WESTERN CIVILIZATION TO 1500** 3 credits

A survey of cultural achievements of ancient civilizations of the Mediterranean Basin, as well as of the medieval Europe, which became part of the heritage of Western or European Civilization. Fall semesters.

**HISTORY 112E HISTORY OF WESTERN CIVILIZATION SINCE 1500** 3 credits

A survey of European History from Renaissance to modern times. Development of national states and other modern institutions in Europe discussed. Socio-economic changes within the European society considered as a background. Spring semesters.

**HISTORY 113E AN INTRODUCTION TO THE AFRO-ASIAN WORLDS, I** 3 credits

An examination of the social, economic, political, and cultural institution of Asia, the Moslem world, tropical Africa and South Africa. Fall semesters.

**HISTORY 114E AN INTRODUCTION TO THE AFRO-ASIAN WORLDS, II** 3 credits

A continuation of History 113E. Spring semesters.

**HISTORY 115E HISTORY OF THE UNITED STATES TO 1865** 3 credits

A survey of the American people from colonial days to the Civil War. Fall semesters.

**HISTORY 116E HISTORY OF THE UNITED STATES SINCE 1865** 3 credits

A survey of the American people with particular emphasis upon industrialization, social change, and the growth of the nation as a world power. Spring semesters.

**HISTORY 117E LATIN-AMERICA: THE COLONIAL PERIOD** 3 credits

A survey that treats the Inca, Aztec, and Maya cultures, African influences as well as Spanish and Portuguese contributions to the development of Latin-America.

**HISTORY 118E REVOLUTION AND SOCIAL CHANGE IN LATIN AMERICA** 3 credits

Revolutionary movements in Latin America from Independence to the present with special emphasis on Castro, Allende, Peron, Zapata, Vargas, and the military dictators.

### SECTION B:

#### INTERMEDIATE STUDIES

These courses are designed to provide in-depth knowledge of various periods and topics.

**HISTORY 203E THE ANCIENT NEAR EAST** 3 credits

A survey that stresses the developments of Greek civilization until the death of Alexander the Great.

**HISTORY 204E THE HELLENISTIC AND ROMAN WORLDS** 3 credits

A survey that places a special emphasis upon the Roman Republic and the Empire until 476 A.D.

**HISTORY 205E THE EARLY MIDDLE AGES** 3 credits

A study of the period from 284 A.D. until c. 1000 A.D., emphasizing the syntheses of Roman, Christian, and barbarian cultures. Fall 1979.

**HISTORY 206E THE LATER MIDDLE AGES** 3 credits

A study of the period from c. 1000 A.D. until the Renaissance, focusing on the social, economic, intellectual, and political revival of Europe. Spring 1980.

**HISTORY 214E MODERN EUROPE TO 1870: THE AGE OF REVOLUTIONS** 3 credits

A survey of Europe centered on the political and social development in Germany and France and the impact of Russia's rise to the world power. Fall 1979.

**HISTORY 215E MODERN EUROPE SINCE 1870: THE AGE OF VIOLENCE** 3 credits

A detailed survey of Europe in the last hundred years. Spring 1980.

**HISTORY 221E TOPICS IN AFRICAN HISTORY** 3 credits

An account of the empires, tribes, and states of Africa before European colonialism.

**HISTORY 225E IMPERIALISM IN THE MODERN WORLD** 3 credits

A study of the expansion of western nations into the world of Asia and Africa in the 19th century, and the contraction of western influence in these areas in the 20th century.

**HISTORY 226E MODERN NATIONALISM** 3 credits

An examination and evaluation, from the historical standpoint, of the phenomenon of nationalism and its influence upon various societies since the French Revolution.

**HISTORY 228E WOMEN AND HISTORY** 3 credits

From myth to Ms. An introduction to the study of the idea and the ideal of woman and her role in history.

**HISTORY 229E THE AMERICAN WOMAN** 3 credits

A survey of the role of women in American culture from Colonial times to the present. Among the topics to be discussed are women on the frontier, women and the law, and the struggle for suffrage.

**HISTORY 231E AMERICA'S MILITARY PAST** 3 credits

The impact of the American military establishment upon American society, and the formation of defense strategy and foreign policy.

**HISTORY 233E THE AMERICAN IMMIGRANT** 3 credits

The history of immigration to America and the ethnic impact upon American institutions.

**HISTORY 237E BLACK AMERICA** 3 credits

A study of African backgrounds, slavery, the role of free Negroes, and the struggle against slavery.

**HISTORY 243E ENGLISH CONSTITUTIONAL HISTORY** 3 credits

English constitutional history is the study of the origins and development of the English way of government. It traces various influences upon the laws, decisions and customs which make up the traditional constitution of England.

**HISTORY 244E UNITED STATES CONSTITUTIONAL HISTORY** 3 credits

A study of the development of constitutional principles and their application from their English origins through evolutionary modification in colonial America, the new state constitutions, the Articles of Confederation, and the Federal Constitution. The evolution of the "working constitution" through the influences of a growing and changing country, as well as by court decisions and amendments, is traced to the present.

#### **SECTION C:**

#### **SPECIALIZED STUDIES**

These courses are designed to give detailed knowledge about specific periods and countries.

**HISTORY 301E THE BRITISH COLONIES IN AMERICA** 3 credits

An intensive study of European expansion into the New World, with particular emphasis on British settlements and their early development.

- HISTORY 302E THE AMERICAN REVOLUTION** 3 credits  
An intensive analysis of concepts and movements generated in the American colonies which resulted in revolution and separation of the British settlements.
- HISTORY 311E THE BIRTH OF THE AMERICAN NATION (1789-1815)** 3 credits  
A detailed study of the making of the Constitution and the development of republican institutions.
- HISTORY 312E JACKSONIAN AMERICA (1815-1840)** 3 crédits  
A detailed analysis of the development of the American political system in an increasingly democratic society.
- HISTORY 315E THE CIVIL WAR IN AMERICA (1850-1865)** 3 credits  
A detailed study of the disruption of the Union, stressing the causes, personalities, and human drama of the military events leading to Appomattox.
- HISTORY 316E THE RECONSTRUCTION ERA (1865-1877)** 3 credits  
A study of the road to reunion, including the completion of the abolitionist movement along with a focus on civil war literature.
- HISTORY 319E EARLY 19TH CENTURY AMERICAN LIFE AND THOUGHT** 3 credits  
American studies approach with topics in the shaping of the American character humanitarian reforms, far west frontier, and the ante-bellum South.
- HISTORY 320E LATE 19TH CENTURY AMERICAN LIFE AND THOUGHT** 3 credits  
American studies approach with topics in the age of big business, popular culture and literature, including social critics and world power.
- HISTORY 323E T.R. TO F.D.R.: AMERICA IN PEACE AND WAR** 3 credits  
A study of the growth of government involvement at home and abroad from 1900 to 1939, based upon the reading and analysis of original documents.
- HISTORY 324E TRUMAN TO FORD** 3 credits  
A study of the growth of government involvement at home and abroad since 1939, based upon the reading and analysis of original documents. Fall 1979.
- HISTORY 337E THE RENAISSANCE TO THE AGE OF REASON** 3 credits  
Topics illustrating the cultural, intellectual, and political life of Europe from Dante to Erasmus, from the accession of Elizabeth I to the reign of Louis XIV.
- HISTORY 338E THE AGE OF THE ENLIGHTENMENT** 3 credits  
Survey of the Age of Reason with special attention to the relationship of social criticism to political action.
- HISTORY 341E THE RISE OF BYZANTIUM** 3 credits  
Byzantine society as the treasurer of the classical antiquity and the mentor of barbarians. From the foundation of Constantinople (324 A.D.) to the Photian Schism (1054).
- HISTORY 342E DECLINE AND FALL OF THE BYZANTINE EMPIRE** 3 credits  
A study of the Greek Society's struggle for survival and the cultural influence of Byzantium in East and West.
- HISTORY 345E A HISTORY OF EAST ASIA FROM THE OPIUM WAR TO 1920** 3 credits  
A detailed examination of the changes occurring in modern East Asia due to the rise of industrialism, urbanism, western influence, and nationalism.
- HISTORY 346E A HISTORY OF EAST ASIA SINCE 1920** 3 credits  
A detailed analysis of the impact upon East Asia of nationalism, industrialism, western influence, and militarism with special attention to China and Japan.
- HISTORY 351E THE ORIGINS OF MODERN RUSSIA TO 1917** 3 credits  
The emergence of the modern Russian state from Peter the Great to the Russian revolution.



**HISTORY 352E REVOLUTIONARY RUSSIA FROM 1917 TO THE PRESENT** 3 credits  
A survey of internal conflicts leading to the Revolution and its aftermath.

**HISTORY 357E EARLY MODERN BRITAIN: OLIGARCHY TO DEMOCRACY** 3 credits  
A study of the social, political, and economic trends in England from 1760 to 1870.  
Spring 1980.

**HISTORY 358E RECENT BRITAIN: EMPIRE TO WELFARE STATE** 3 credits  
A detailed analysis of the decay of the Empire, the rise of the welfare state, and the impact of both on English Life.

**HISTORY 359E TOPICS IN 19TH-CENTURY** 3 credits  
An examination of three to four selected topics illustrating the political, social, and cultural history of the 19th century. (Formerly, History 470E).

**HISTORY 360E TOPICS IN 20TH-CENTURY** 3 credits  
An examination of three to four selected topics illustrating the political, social, and cultural history of the 20th century. (Formerly, History 471E).

#### **SECTION D:**

**HISTORY 480E SEMINAR IN METHODOLOGY AND HISTORIOGRAPHY** 3 credits  
The nature of history, introduction to the methodology of historical research, survey of historiography; readings, discussions, reports, and a bibliographical essay. (Formerly, History 486E).

**HISTORY 481E RESEARCH SEMINAR** 3 credits  
Prerequisite: History 480E  
The research and writing of a scholarly paper; tutorial conferences and reports. Recommended for students who expect to enter graduate school or law school. (Formerly, History 487E).

## **HUMANITIES**

**Michael R. Dillon, Ph.D., Chairman**

Required for Major in Humanities: 14 courses

Art 101E; Humanities 201E-202E or Mathematics 101E-102E; Humanities 221E, 222E, 223E, 225E, 226E, 227E, 331E; Music 101E or 201E; Sociology 213E; and two semesters of foreign language.

Each major is also requested to develop a minor concentration of six courses in either a traditional department or an area of interest. Four of these six courses should be at the 300 level or above.

**HUMANITIES 100E READINGS: THE HUMANITIES** 1 credit  
Independent reading of five important books in literature, history and the social sciences. No regular class meetings. Essay examination for Pass-Fail grade. Fall semesters.

**HUMANITIES 201E INTRODUCTION TO SCIENCE I** 3 credits  
A two semester survey of the major concepts and methods of modern science. The material is presented through lectures and demonstrations, and special attention is given to the implications of science for society at large. The course is a terminal one not intended for science majors and not supposing a background in mathematics. Fall semesters.

**HUMANITIES 202E INTRODUCTION TO SCIENCE II** 3 credits  
A continuation of Humanities 201E. Spring semesters.



**HUMANITIES 221E THE ANCIENT WORLD****3 credits**

A brief introduction to the Greek debt to the Ancient Near East, then readings and discussion focusing upon the rise of the city-state and the formation of Greek culture from Homer to Aristotle. Attention to the discovery of the mind. The rise of tragedy, and the tension between myth and philosophy in ancient society. Cross-disciplinary readings. Fall semesters.

**HUMANITIES 222E THE MEDIEVAL MIND****3 credits**

An examination of the sources of Medieval culture from the collapse of the Roman Empire to the Renaissance. Includes the search for order and authority in the Church and state, the rise of the universities, the questioning of nature, and the growth of a vernacular culture. Emphasis upon connections and tensions in the syntheses of pagan and Christian cultures. Cross-disciplinary readings. Spring semesters.

**HUMANITIES 223E THE RENAISSANCE VISION****3 credits**

An investigation of the transformation of a God-centered Medieval consciousness into a new sense of human potential and individual achievement, as reflected in the new freedom in the arts, the secularizing of politics, and the dedication of learning to the elevation of both the individual and society. Cross-disciplinary readings. Fall 1979.

**HUMANITIES 225E THE MODERN CRISIS****3 credits**

An exploration of the intellectual and moral crises from Descartes to Nietzsche prompted by the rise of scientism and the loss of absolutes in theology and metaphysics in early modern Europe. Focus upon the paradoxical belief in science, reason, and progress in an age of subjectivity and secularism. Cross-disciplinary readings. Spring 1980.

**HUMANITIES 226E THE BOURGEOIS PROJECT****3 credits**

An investigation of social contract theory and the pre-industrial roots of liberalism. An exploration of bourgeois culture as it emerges from the rise of nationalism and the Industrial Revolution. Attention to the spirit of revolution and the various critics of bourgeois culture from Rousseau and Dickens to Marx. Cross-disciplinary readings.

**HUMANITIES 227E THE AGE OF ANXIETY****3 credits**

An analysis of the Twentieth Century's efforts to affirm human dignity while confronting the growth of alienation, the loss of values, and the threat of dehumanization in the arts, education and society. Attention to the search for alternatives from Thoreau to Skinner. Cross-disciplinary readings.

**HUMANITIES 331E READINGS: READINGS IN URBAN AMERICA****3 credits**

Independent study course comprising readings in history, literature and social sciences dealing with the theme of Urban America. No regular class meetings. Monthly discussion groups and a final paper aid students in perceiving interdisciplinary relationships. Team-taught. Pass-Fail grade only. Fall semesters.

**HUMANITIES 332E READINGS: ETHNICITY IN AMERICAN LIFE****3 credits**

Independent study course dealing with the theme of Ethnicity in American Life. Monthly discussion groups and a final paper. Team-taught. Pass-Fail grade only. Spring semesters.

**INSURANCE****Charles W. Huntoon, M.B.A., C.L.U., Chairman****INSURANCE 301E INSURANCE PRINCIPLES****3 credits**

An introduction to the study of risk and insurance. Course deals with the principal risks to which individuals are exposed, and the various means of dealing with risk, including insurance, risk retention, self-insurance, and loss prevention. Further it examines the responsibilities and activities for treating risk at three levels: (1)

personal and family, (2) employer, and (3) government. (This course is a prerequisite for all courses in Insurance and Risk). Fall semesters.

#### **INSURANCE 302E LIFE INSURANCE**

3 credits

The problems of and the alternative techniques for the insuring of human life values will be considered from the differing viewpoints of the company, the economy, and the consumer. Among the topics covered are: financial needs in the life cycle of the family, estate planning, elements of business insurance such as group insurance and pension planning, mortality, underwriting, and regulation of reserves. Spring semesters.

#### **INSURANCE 303E PROPERTY AND LIABILITY INSURANCE**

3 credits

The methods of analyzing property risks, such as fire, marine, and transportation will be considered as are all types of liability. The contracts and coverages available to handle these risks are examined. (Formerly, "Fire and Inland Marine Insurance.") Spring semesters.

#### **INSURANCE 304E EMPLOYEE BENEFIT PLANNING**

3 credits

Emphasis is placed on employee benefit programs and their economic and social implications. Included is a discussion of pensions, social insurance, individual and group health programs, and group life insurance. Some analysis of business life risks is also included. (Formerly, "Casualty Insurance.") Fall semesters.

### **LAW**

#### **Edward J. Domineske, J.D., Chairman**

#### **LAW 201E LAW OF CONTRACTS**

3 credits

Introduces the students to the more common rules and principles governing business transactions; the rights and duties of individuals resulting from contractual and quasi-contractual obligations. Fall and Spring semesters.

#### **LAW 202E LEGAL ENVIRONMENT OF BUSINESS**

3 credits

A study of the politico-legal framework within which business operates. The nature, formation, and application of law to business; the historical development and present constraints upon the decision making; the interface of business and the whole of its legal settings. Legal procedure, judicial, legislative, and administrative law considered in perspective. Fall and Spring semesters.

#### **LAW 301E LAW OF AGENCY, PARTNERSHIPS, AND CORPORATIONS**

3 credits

Common and statute laws relating to the creation, operation, and termination of agencies, partnerships, and corporations. Emphasis on the Common Law of Agency, the Uniform Partnership Act, and the Business Corporation Law of Pennsylvania. Fall semester — Even years.

#### **LAW 302E LAW OF SALES AND SALES FINANCING**

3 credits

Common and statute laws relating to the sale, purchase, transfer, and bailment of personal property. Emphasis on the Uniform Commercial Code relative to sales, sales financing, and secured transactions. Includes the legal relationship of bailor and bailee, shippers, and common carriers. Spring semester — Even years.

#### **LAW 401E LAW OF REAL ESTATE**

3 credits

Common and statute law of court process which the real estate salesman and broker encounter daily, including the legal principles applicable to the listing contract, the agreement of sale, mortgages, deeds, leases, adverse possession, easements, licenses, proving and recording title. Fall semesters.

#### **LAW 402E LAW OF NEGOTIABLE INSTRUMENTS**

3 credits

Application of the common law of the Uniform Commercial Code to checks, promissory notes, and bills of exchange. The use of commercial paper in security transactions and in the creation of credit. The laws of principal and surety, and insurer and insured as related to the use of commercial paper. Spring semester — Odd years.

## **LIBERAL ARTS**

Associate in Arts in Liberal Arts Requirements:

**GENERAL EDUCATION (15 semester credits)**

English 101E

English 102E

1 course in General Education Literature

1 course in General Education Philosophy

1 course in General Education Religion

**DISTRIBUTION (12 semester credits)**

4 courses to be selected in Distribution

**MAJOR (24 semester credits)**

8 courses in Liberal Arts to be selected in consultation with a Chairman in English, History, or Humanities.

**ELECTIVES**

3 courses of free electives.

## **MANAGEMENT**

**William B. Fynes, M.B.A., Chairman**

The Professional Option in Management consists of the following courses beyond the introductory courses.

Concentration in Operations Management — Management 226E, 304E, 350E, 401E, 480E.

Concentration in Industrial Relations — P and L Relations 301E, 302E, 303E, 401E, Management 401E.

**MANAGEMENT 100E READINGS IN MANAGEMENT**

1 credit

Independent reading of set list of five important works. One class meeting. Paper submitted for Pass-Fail grade. Spring semester.

**MANAGEMENT 211E ORGANIZATIONAL BEHAVIOR**

3 credits

Business organizations will be analyzed in an interpersonal setting with emphasis on the importance of work group behavior, individual behavior, supervisor behavior, intergroup behavior, and organizational change. Relevant findings of behavioral science are examined and related to work and productivity in a modern organization. Case discussions and readings contribute toward the formation of a conceptual framework to better understand organizational behavior and administration. Fall and Spring semesters.

**MANAGEMENT 212E OPERATIONS MANAGEMENT**

3 credits

Focuses on effective management of operations which typically involve a large proportion of the assets, personnel and other resources of organizations producing goods or services. The course is designed to give the student the opportunity to develop skills, judgment, and understandings for the management task of analyzing, improving, and operating productive systems. Primary topics are managerial understanding of equipment and process technologies, work force management, operations planning, scheduling and control, quality and reliability, technological change, and project-oriented operations. Fall and Spring semesters.

**MANAGEMENT 221E MANAGEMENT OF AUTOMATION**

3 credits

This course is designed to develop the student's ability to understand and effectively utilize management information produced by computers.

The course is divided into three major sub-divisions. The first sub-division covers the history and development of electronic data processing (EDP); vocabulary and

terminology of the EDP field; computer characteristics; trends in EDP technology; programming; and system design. The second sub-division deals with the selection of hardware configuration and software packages; control of automation projects and economic justification analysis for EDP projects. The third sub-division covers the design and utilization by management of the output from computers; and the organizational and technical problems confronting managers when they deal with the Computer and Systems function in a business. Spring semesters.

#### **MANAGEMENT 225E INTRODUCTION TO SYSTEMS**

Prerequisite, CSC 151E

3 credits

The purpose of this course is to identify the decision requirements for the management of an organization, considering both formal and informal information systems. The student will be introduced to the concept of systems, their role in an organization, and system analysis. The design of a comprehensive information system which is used to facilitate decision making is analyzed. Fall semesters.

#### **MANAGEMENT 226E MANAGEMENT CONTROL SYSTEMS**

3 credits

Management control is the process by which management translates the organizational objectives and strategy into specified goals for attainment in a specified period of time, and secures the efficient accomplishment of these goals. The course deals with the structure and operation of control systems that facilitate this process and with the behavioral implications of these systems. Topics such as performance measurement, profit and investment centers, discretionary costs, the planning-programming-budgeting-reporting cycle, and project management will be considered in a variety of organizational settings. Fall and Spring semesters.

#### **MANAGEMENT 301E QUANTITATIVE METHODS IN MANAGEMENT**

3 credits

The techniques of quantitative decision making are applied to management problems. Operations research, decision theory and mathematical programming are considered in depth. Emphasis is placed on the queuing theory, network design and model building. The concept of suboptimization is explored and comprehensive problems amenable to solution by quantitative methods are used extensively. Spring semesters.

#### **MANAGEMENT 304E PRODUCTION PLANNING AND CONTROL**

3 credits

The study of the principles and techniques of production and inventory control is developed in this course. Major categories include Inventory Control Systems, Forecasting, Production Planning and Control, Scheduling and Design of Production Control Systems. Supportive techniques for these topics include: Exponential Smoothing, EOQ, Order Point Calculations, Monte Carlo Simulation, Product Mix Problems, Aggregate Planning, and Pert, Applications to Manufacturing Industries. The impact of Automation and Electronic Data Processing on Production Management is studied. Fall semesters.

#### **MANAGEMENT 350E EFFECTIVE COMMUNICATIONS**

3 credits

An exploration of the art of interpersonal communication within the business world. Attention will be given to listening and empathy, discussion and decision making, confrontation and conflict management, creative goal-setting, individual and company growth. Fall semesters.

#### **MANAGEMENT 401E BUSINESS POLICY I: THE FORMULATION OF CORPORATE STRATEGY**

Prerequisite, Completion of the Business Core

3 credits

The purpose of this course is three fold: 1) To train the student in the integration and coordination of the functional areas of business (Marketing, Finance, Production, etc.) 2) To develop the student's ability to formulate goals and strategies for the firm; 3) To expand the student's awareness of the role of the general manager. The course will use case studies and a management simulation game to present and develop the concepts of corporate strategy. Fall semesters.



**MANAGEMENT 405E BUSINESS POLICY II: THE IMPLEMENTATION OF CORPORATE STRATEGY**

Prerequisite: Mgt. 401E

3 credits

The purpose of this course is to develop the concepts and skills essential to the implementation of corporate strategy. The course will focus on (1) the interdependence of the formulation of a corporate strategy and its subsequent implementation, and (2) the role which organizational structure and processes play in the successful implementation of a strategy. The course will use case studies, group process exercises and films to expose the student to the role of the general manager in the implementation of the strategy of his firm. Spring semesters.

**MANAGEMENT 480E SEMINAR ON THE DEVELOPMENT OF MANAGEMENT SKILLS**

Prerequisite, 60 credit hours

3 credits

The course is designed to stimulate the student's thinking in the non-technical aspects of business, and to further develop the skills required of an administrator. The role of power, motivation and control, within the organizational structure, will be the central focus of the research and discussion activity of the seminar. Spring semesters.

**PERSONNEL AND LABOR RELATIONS**

**P. AND L. RELATIONS 301E LABOR PROBLEMS IN AMERICA**

3 credits

This course provides the student with an understanding of the roles played by unions, employers and the government in the solution of the major economic, and noneconomic problems of the worker in the United States. The structure, philosophy and function of management in the area of collective bargaining are analyzed. The role of the government in employee management relations is also examined. The various solutions to the problems of unemployment, substandard wages and personal insecurity are explored and their effectiveness evaluated. Existing and proposed labor legislation are surveyed. Fall semesters.

**P. AND L. RELATIONS 302E PERSONNEL ADMINISTRATION**

3 credits

The personnel function is considered from the viewpoint of both the line manager and the staff personnel administrator. Recruitment, assignment, utilization and development of human resources of an organization are stressed and the contribution of various disciplines to personnel administration is analyzed. The human problems and management and worker, as well as the techniques of personnel management, are explored in depth. Fall and Spring semesters.

**P. AND L. RELATIONS 303E LABOR LEGISLATION**

Prerequisites, Law 201E or Law 202E and P. and L. Relations 302E

3 credits

This course provides the student with an understanding of the objectives and actions of the federal and state governments in the field of labor management relations through a comprehensive consideration of the more important pieces of labor legislation. The principal topics are the application of the early legal doctrines to unions, the laws governing union activities and the law of collective bargaining. The National Labor Relations Act, the Railway Labor Act, and the Labor-Management Reporting and Disclosure Act of 1959 are among the more important pieces of labor legislation analyzed. State labor legislation is reviewed. Fall semesters.

**P. AND L. RELATIONS 304E WAGE, SALARY AND BENEFIT ADMINISTRATION**

3 credits

This course is designed to develop and impart an understanding of job evaluation techniques for inclusion into Salary and Wage Administration program. The course treats practical application including preparation of position descriptions, evaluation of job factors, using standard plans, review of available data, and reaction of applicable wage and salary structures. Spring semesters.

## **P. AND L. RELATIONS 401E COLLECTIVE BARGAINING**

Prerequisite, P. and L. Relations 302E

3 credits

Collective Bargaining is the study of the external and internal factors which influence the establishment of trade agreements and the application of the provisions of established trade agreement to day-to-day employer-employee problems. Some of the topics covered in this course are the functions of collective bargaining, its application in day-to-day operations, its characteristic processes and procedures, and the effect of the law on negotiations and the resulting trade agreement. These topics are explored, analyzed, and answered through a study of authentic cases drawn from industry. Outside reading is required. Spring semesters.

## **MARKETING**

**George R. Swoyer, M.B.A., L.H.D., Chairman**

The Professional Option in Marketing consists of 4 courses beyond the introductory courses:

- Marketing 301E, 302E, 401E, 402E.
- Concentration in Logistics of Marketing: Marketing 301E, 303E, 304E, 404E, 405E

### **MARKETING 201E PRINCIPLES OF MARKETING**

3 credits

The purpose of this course is to provide the student with a broad background of the important principles and factors relating to the marketing functions in the American economy. The principal topics are the nature, significance and functions of marketing; consumer motivation; behavior and buying problems; wholesaling and retailing of consumer goods marketing industrial goods and raw materials; market research and merchandise development; buying, selling, price policies and practices; channels of distribution; and governmental relationships to marketing. Fall and Spring semesters.

### **MARKETING 301E PERSONAL SELLING**

Prerequisite, Marketing 201E

3 credits

The purpose of this course is to acquaint the student with the development, the importance and the practice of individual selling. In the treatment of the content, primary consideration is given to sales personality, the phase of sales presentation, types of buyers, and the ethics in salesmanship. The students are required to make actual sales presentations. Spring semesters.

### **MARKETING 302E ADVERTISING**

3 credits

This course provides a complete, up-to-date treatment of the economic and social aspects of advertising, including the important methods and techniques of research which form the basis of any advertisement or advertising campaign; a practical treatment of copy, layout and media; effectiveness of advertising, advertising departments and the advertising agency. Fall semesters.

### **MARKETING 303E SALES ADMINISTRATION**

Prerequisite, Marketing 201E

3 credits

The aim of this course is to familiarize the student with the activities of a sales administrator in directing and controlling sales force. The topics considered are the recruitment, selection, training, compensation, motivation and supervision of salesmen. Other topics also included are the establishment of sales territories, quotas and budgets. Fall semesters.

### **MARKETING 304E INDUSTRIAL MARKETING**

Prerequisite, Senior Standing

3 credits

Course analyzes problems peculiar in nature or outlook to industry. Challenges and opportunities considered include products, services and administration related to industrial marketing of capital equipment, technology and commodity items—as well as systems. This course includes planning (research sources, analysis, projection) and administration (advertising, promotion, audiences, result measurement). Case study, supplemented by conventional lecture and discussion. Spring semesters.



### MARKETING 401E RESEARCH AND ANALYSIS

Prerequisite, Senior Standing

3 credits

This course deals with the use of scientific method in the solution of specific marketing problems in the conduct of general market research studies. Topics considered include purposes achieved by market research and analysis, agencies for carrying on the work; sources of information; problems of research and analysis, methods of carrying on research and of analyzing information obtained; and the proper presentation of the results. Spring semesters.

### MARKETING 402E MARKETING MANAGEMENT

Prerequisite, Senior Standing

3 credits

Integrates all other Marketing courses. Study of actual business cases employing managerial approach to marketing, emphasis on decision making and the strategies used by the marketing manager as he adapts his marketing mix to rapidly changing conditions. Fall semesters.

### MARKETING 404E WHOLESALING

Prerequisite, Marketing 201E

3 credits

Consideration of the fundamentals of sound wholesaling operations. Types of wholesalers, types of goods, site of selection, organization, personnel management, purchasing, pricing, promotion, planning and control, financing, and financial and operations analysis. Fall semesters.

### MARKETING 405E MARKETING CHANNELS

Prerequisite, Marketing 201E.

3 credits

Coverage of physical distribution management including middlemen, channel structure, transfer, storage, handling, and communications; consideration given to materials management (procurement, quality, sourcing, order placement, transportation, receiving and inspection) as it pertains to logistical operations. Spring semesters.

## APPLIED MATHEMATICS

**Edward J. Nolan, M.Ch.E., Chairman**

Required for Major in Applied Mathematics: 15 courses

- Computer and Information Science 151E
- Mathematics 120E, 221E, 222E, 240E, 341E, 413E
- Mathematics 322E, three courses out of the following four: Mathematics 321E-325E-426E-427E, two advanced courses in Mathematics selected in consultation with the Department Chairman.
- Physics —Eph. 101E, 102E (fulfilled in Distribution Area 5)
- **Associate in Science** in Applied Mathematics: English 101E, English 102E, 1 course in General Education Literature, 1 course in General Education Philosophy, 1 course in General Education Religion; EPH 101E and EPH 102E in Distribution Area 5, 2 courses selected from one of the four other areas of Distribution, excluding mathematics; Mathematics 113E, 201E, 202E, 322E, 421E, CSC 151E, CSC 153E; 2 elective courses.

### MATHEMATICS 011E ELEMENTARY ALGEBRA

No credit

This course provides an opportunity to build basic computational skills in arithmetic and algebra. It is intended for those who are not adequately prepared for Mathematics 101E. The course is self-paced; the source material for this course is presented on tape; the student has access to a teacher who provides additional individualized diagnostic testing and instruction. The topics of the course include:

sets, signed numbers, fractions, exponents, operations on algebraic expressions, equations, and function. Fall and Spring semesters.

**MATHEMATICS 021E COLLEGE ALGEBRA**

No credit

The purpose of this course is to develop a mastery of the fundamental concepts of algebra. It is a course intended for those who do not qualify for Mathematics 113E. The topics are factoring, fractions, exponents, radicals, graphing, linear and quadratic equations, and problem solving. Fall and Spring semesters.

**MATHEMATICS 101E INTERMEDIATE ALGEBRA**

3 credits

Algebraic operations, linear and quadratic equations, exponents and radicals, elementary functions, graphs, systems of linear equations. (Formerly, Mathematics 101E "Survey of Mathematics, I.") Fall and Spring semesters.

**MATHEMATICS 102E SURVEY OF MATHEMATICS**

3 credits

Prerequisite, Mathematics 101E

Analytic geometry, fundamentals of differential calculus, concentrating on the calculus of algebraic, exponential and logarithmic functions. A terminal course; science majors or potential science students may not schedule this course. (Formerly, Mathematics 102E "Survey of Mathematics, II.") Fall and Spring semesters.

**MATHEMATICS 113E ALGEBRA AND TRIGONOMETRY**

Prerequisite, Mathematics 021E or a qualifying score in the Mathematics Achievement Test.

4 credits

This course is designed to permit students entering with sufficient background in mathematics to complete their calculus preparation in one semester. Topics covered include—an introduction to sets, inequalities, sequences, limits, algebraic structures and complex numbers. Concomitantly, it is expected that the student will pursue certain topics by himself e.g., logarithms, exponents, oblique triangles. Fall and Spring semesters.

**MATHEMATICS 120E ANALYTIC GEOMETRY AND CALCULUS—PART 1**

Prerequisite, Mathematics 113E or permission of Dept. Chairman

4 credits

This is the first of a series of three courses in analytic geometry and calculus in which an integrated treatment is given to the following subjects: the basic concepts of analytic geometry; graphs of functions; basic concepts of calculus; the derivative with applications to curve tracing; maxima and minima; velocity, acceleration and rates; differentials; approximate values; integration. Fall semesters.

**MATHEMATICS 201E ELEMENTS OF APPLIED MATHEMATICS, I**

3 credits

This course will explore selected topics in the application of elementary differential equations to the physical sciences and the business areas. This course is designed for the student pursuing the Associate in Science in Mathematics and will not be accepted as part of the major for the B.S. in Applied Mathematics. Fall 1979.

**MATHEMATICS 202E ELEMENTS OF APPLIED MATHEMATICS, II**

3 credits

Prerequisite, Mathematics 201E

Continues the study of selected applications of mathematics. Stress will be placed in the numerical techniques of obtaining solutions to differential equations arising in business areas and the physical sciences. This course is designed for the student pursuing the Associate in Science in Mathematics and will not be accepted as part of the major for the B.S. in Applied Mathematics. Spring 1980.

**MATHEMATICS 221E ANALYTIC GEOMETRY AND CALCULUS—PART 2**

Prerequisite, Mathematics 120E

4 credits

Topics considered in Part 2 of analytic geometry and calculus are the transcendental functions, methods of integration, improper integrals, plane analytic geometry and polar coordinates. Spring semesters.

**MATHEMATICS 222E ANALYTIC GEOMETRY AND CALCULUS—PART 3**

Prerequisite, Mathematics 221E

4 credits

Mathematics 222E concludes the sequence in analytic geometry and calculus. The topics discussed are: parametric equations; vector functions and their derivatives; partial differentiation and applications; applications; infinite series. Fall semesters.

#### MATHEMATICS 240E LINEAR ALGEBRA

Prerequisite, Mathematics 120E

3 credits

Matrix algebra; determinants; finite dimensional vector spaces; characteristic roots and characteristic vectors; introduction to abstract vector spaces and linear transformations. Fall semester — Odd years.

#### MATHEMATICS 321E ADVANCED CALCULUS

Prerequisites, Mathematics 222E, 240E

3 credits

Line integral; the differential; continuation of vector calculus, theorems of Green, Gauss and Stokes; multiple integrals; uniform convergence; series of real-valued functions. Spring semester—Even years.

#### MATHEMATICS 322E ORDINARY DIFFERENTIAL EQUATIONS

Prerequisite, Mathematics 222E

3 credits

This course gives an extended treatment of ordinary differential equations with applications to the physical sciences. The topics covered are: linear differential equations with constant and variable coefficients; simultaneous equations; series solutions. Spring semesters.

#### MATHEMATICS 325E TOPICS IN APPLIED MATHEMATICS—PART 1

##### ORTHOGONAL FUNCTIONS AND BOUNDARY VALUE PROBLEMS

Prerequisite, Mathematics 322E

3 credits

Orthogonal functions, Fourier Series, and integrals; Laplace Transforms; boundary value problems; Bessel functions and Legendre polynomials with applications. Fall semesters.

#### MATHEMATICS 333E MODERN GEOMETRY

Prerequisite, Mathematics 341E, or permission of the instructor

3 credits

An introduction to Non-Euclidean Geometry. Emphasis is placed on projective geometry. Topics include: axiomatic systems, harmonic elements, cross ratio, perspectives and the projective theory of conics. Fall semester—Odd Years.

#### MATHEMATICS 341E ABSTRACT ALGEBRA

Prerequisite, Mathematics 222E, 240E

3 credits

In this course stress is placed upon the understanding of formal proofs of the theorems and the development of the student's ability to construct such proofs for himself. Although emphasis is placed primarily upon the axiomatic method, selected topics prepare the student for further work in mathematics and physical science. The topics include number theory, set and group theory, vector spaces and elementary field theory. Spring semester—Odd years.

#### MATHEMATICS 413E PROBABILITY AND STATISTICS

Prerequisites, Mathematics 222E, 341E

3 credits

Probability and statistics based on set theory. Sample spaces, binomial distribution, correlation, sampling theory, random variables. Fall semester—Odd years.

#### MATHEMATICS 414E INTRODUCTION TO OPERATIONS RESEARCH

Prerequisite, Mathematics 413E, or permission of Dept. Chairman

3 credits

Convex sets; the fundamental extreme point theorem; the simplex method; elementary game theory; duality and the minimax theorem. Spring semester — Odd years.

#### MATHEMATICS 421E NUMERICAL ANALYSIS

Prerequisite, Mathematics 322E, or taken concurrently; or permission of the instructor.

4 credits

Difference methods and polynomial curve fitting; method of least squares; numerical solution of algebraic and transcendental equations; numerical differentiation and integration; numerical solution of ordinary differential equations. Fall semester — Even years.

#### MATHEMATICS 424E TOPICS IN APPLIED MATHEMATICS— PART 2

##### COMPLEX VARIABLES

Prerequisite, Mathematics 325E

3 credits

Analytic functions; exponential and algebraic functions and their geometry.

Cauchy-Goursat Theorem, Taylor and Laurent series, residues and poles, conformal mapping and applications, analytic continuation, inverse transforms by contour integration. Fall semesters.

#### **MATHEMATICS 427E TOPICS IN APPLIED MATHEMATICS— PART 3**

Prerequisite, Mathematics 325E

3 credits

Special functions of mathematical physics; integral transforms, Laguerre, and Hermite polynomials; applications to physical problems. Spring semester — Even years.

### **MILITARY SCIENCE**

**Lieutenant Colonel Robert E. Klein, M.A. Chairman**

#### **MILITARY SCIENCE 301E MILITARY HISTORY**

3 credits

The evolution of the art of war from ancient times to the present with the emphasis on American military campaigns. A study of military operations and the evolution of military theory and institutions. The role of the American Military within the context of the national security structure of the United States concludes the course. Fall semester — Even years.

#### **MILITARY SCIENCE 302E MILITARY LEADERSHIP**

3 credits

An examination of the role of the leader. Following a discussion of the principles of leadership, this course examines leadership as applied to small units of the U.S. Army. Emphasis is placed on analyzing situations frequently found in an infantry platoon. Spring semester — Odd years.

#### **MILITARY SCIENCE 401E PRINCIPLES OF MILITARY MANAGEMENT**

3 credits

This course is designed to examine the several distinct phases of military management. After introductory lessons emphasizing the fundamentals of management, the student analyzes management in a military unit (a field artillery battery) and solves an individual management exercise by becoming familiar with map reading techniques and then applying those techniques. Finally the student discusses the psychology of leadership management. Fall semester — Odd years.

#### **MILITARY SCIENCE 402E PRINCIPLES OF MILITARY MANAGEMENT — PART II**

3 credits

Management by the junior officer. A study of the various management roles every junior army officer will encounter to include command and staff responsibilities and relationships, military law, logistics, maintenance and administration. Spring semester — Even years.

### **MUSIC**

#### **MUSIC 101E THE ART OF LISTENING**

3 credits

An examination of the fundamentals of music. Survey of the musical styles of Western Civilization through a study of representative works. Planned listening assignments. Fall and Spring semesters.

#### **MUSIC 201E INTRODUCTION TO OPERA**

3 credits

Music for the operatic stage from its inception to the contemporary period. Concentrated study of selected works representing stylistic and historical development. (Formerly, "Music and the Theatre") Spring semesters.

### **BACHELOR OF SCIENCE IN NURSING Dual Enrollment Program**

#### **The Dual Enrollment Program**

The dual enrollment program in nursing offered by Gwynedd-Mercy College and the La Salle College Evening Division is designed especially for graduates of diploma programs who desired to obtain a Bachelor of Science in Nursing. The three part program will enable the diploma graduate to:



1. Validate for college credit her knowledge and training in the fundamentals of physical science, health science, and nursing science through a battery of proficiency examinations.

2. To experience, through required and elective courses in the liberal arts, the values, knowledge and understanding common to a baccalaureate education.

3. To prepare for career objectives and to progress in employment status through in-depth study in advanced professional courses.

### **The Dual Enrollment Plan**

Students enrolled in the program may afford themselves of the services of both institutions. The library privileges, counseling services, testing services, and the cultural and recreational programs of Gwynedd-Mercy College and La Salle College are simultaneously available to you.

The courses in nursing and the challenge examination program will be supervised and directed by the administration of Gwynedd-Mercy College and will be offered in accordance with the tuition and fee schedule published in the Gwynedd-Mercy College Bulletin. Courses in the liberal arts and some of the physical science courses will be taken from the regularly offered courses of the La Salle Evening Division. Tuition for these courses will be identical to the per credit charge published in the La Salle College Evening Division Bulletin. The student who successfully completes this program of study will receive the Bachelor of Science from Gwynedd-Mercy College. The courses in nursing will be offered on the Gwynedd-Mercy College campus only.

The program is outlined as follows:

Part I Lower Division Nursing and Science Courses

Part II Liberal Arts Courses

Part III Upper Division Nursing and Selected Liberal Arts Courses

### **PART I—Lower Division Nursing and Science Courses:**

	<b>CREDITS</b>
101 INTRODUCTION TO CLINICAL NURSING	2
102 MATERNAL AND INFANT CARE	4
103 NURSING PROCESS	2
104 PATHOPHYSIOLOGY	3
106 DIRECTED PRACTICUM	3
201 PATHOPHYSIOLOGY I	4
202 MENTAL HEALTH-ILLNESS	2
203 DIRECTED PRACTICUM	3
204 PATHOPHYSIOLOGY II	2
205 MENTAL HEALTH-ILLNESS	2
206 DIRECTED PRACTICUM	3
107 ANATOMY AND PHYSIOLOGY I	4
108 ANATOMY AND PHYSIOLOGY II	4
211 MICROBIOLOGY	4
200 PRINCIPLES OF NUTRITION	2

For graduates of diploma programs who wish to take challenge examinations to validate their knowledge in the courses listed above, teacher made tests are available at Gwynedd-Mercy College. The science courses may be taken either at La Salle or Gwynedd-Mercy College for credit.

**PART II—Required and Elective Liberal Arts Courses:**

GROUP A	CREDITS	GROUP B	CREDITS
*FRESHMEN ENGLISH I	3	LANGUAGE, LITERATURE	
LANGUAGE, LITERATURE		OR FINE ARTS ELECTIVE	3
OR FINE ARTS ELECTIVE	3	LANGUAGE, LITERATURE	
RELIGIOUS STUDIES (BASIC)	3	OR FINE ARTS ELECTIVE	3
PHILOSOPHY (BASIC)	3	RELIGIOUS STUDIES ELECTIVE	3
*PRINCIPLES OF SOCIOLOGY	3	PHILOSOPHY ELECTIVE	3
*GENERAL PSYCHOLOGY	3	PHILOSOPHY ELECTIVE	3
OEPN ELECTIVE	3		

A candidate must complete all of the courses listed under PART II, GROUP A before being approved for entrance into the Upper Division Program at Gwynedd-Mercy College.

\*CLEP Examinations are available in these areas for those who wish to validate previous knowledge gained in nursing programs.

**PART III—Upper Division Nursing and Selected Liberal Arts Courses:**

	CREDITS
301 ANALYSIS OF SELECTED NURSING PROBLEMS	4
302 IMPLEMENTATION OF DIRECT AND INDIRECT NURSING CARE	4
303 ANALYSIS OF SELECTED NURSING PROBLEMS	4
304 IMPLEMENTATION OF DIRECT AND INDIRECT NURSING CARE	4
401 ANALYSIS OF SELECTED HEALTH PROBLEMS	8
402 NURSING SEMINAR	6
— LANGUAGE, LITERATURE OR FINE ARTS ELECTIVE	3
— LANGUAGE, LITERATURE OR FINE ARTS ELECTIVE	3
— STATISTICS	3
— ECONOMIC PROBLEMS	3
— PSYCHOLOGY/SOCIOLOGY ELECTIVE	3
— FREE ELECTIVE	3
— FREE ELECTIVE	3
— FREE ELECTIVE	3

Courses listed under Part III must be taken at the Gwynedd-Mercy College Campus. Ordinarily, students must be full time for two years and carry a minimum of Twelve (12) credits per semester.

Candidates who apply for the Upper Division must be approved by the Nursing Faculty at Gwynedd-Mercy College. Students in the Upper Division courses will be required to attend specifically designated hospitals and/or health care agencies for instruction and practicum in the various areas explored in the Upper Division courses. Nursing classes are held on Gwynedd-Mercy College Campus only.



## PHILOSOPHY

### GENERAL EDUCATION

The student must take one course in Series A and one course in Series B. The course in Series A must precede the one in Series B. An effort is made to introduce the student to the basic problems and methods of philosophy as well as to some texts from Plato or Aristotle.

### SERIES A

#### PHILOSOPHY 161E HUMAN NATURE AND HUMAN DESTINY 3 credits

A study of man in himself and his relationship to others and to the world. Themes discussed include human freedom and human love; alienation; human destiny. Fall and Spring semesters.

#### PHILOSOPHY 162E FOUNDATIONS OF MORAL LIFE 3 credits

A study of philosophical interpretations of moral life and their application to specific problems. Themes discussed include the nature of commitment and responsibility; the problem of conscience and moral law; the character of moral judgment; and the notion of the good for mankind. Fall and Spring semesters.

#### PHILOSOPHY 164E CRITICAL THINKING 3 credits

Aims at developing the skill of analyzing, interpreting, and criticizing arguments from a variety of disciplines. Topics include: clarification of concepts, distinguishing between conclusions and reasons for conclusions, evaluation of arguments, and the recognition of fallacies. Fall and Spring semesters.

### SERIES B

#### PHILOSOPHY 166E REASON AND REALITY 3 credits

A study of the basic relationships between thought and reality. Themes discussed include skepticism and truth; rationality and selfhood; and knowledge and the various manifestations of existence. Fall and Spring semesters.

#### PHILOSOPHY 167E PHILOSOPHICAL APPROACHES TO GOD 3 credits

A study of philosophical positions relating to questions about the existence of God. Themes discussed include various concepts of God; the possibility of proof for the existence of God; and the philosophical dimensions of the religious experience. Fall and Spring semesters.

#### PHILOSOPHY 169E WORK AND CULTURE 3 credits

A philosophical consideration of the relationship between work and other dimensions of human life. Topics include: work and society, work and rationality, work and morality, work and play, work and creativity, work and alienation. Fall and Spring semesters.

## **PHILOSOPHY**

### **Michael J. Kerlin, Ph.D., Chairman**

**PHILOSOPHY 201E ART AND CREATIVITY (AESTHETICS)** 3 credits

A consideration of the nature of art, art activity, art appreciation, and the function of art with special reference to art history. The course seeks to provide the student with an elementary basis for forming a critical judgment with respect to art (and fine art) in general and specific works of art in particular.

**PHILOSOPHY 202E EASTERN PHILOSOPHY** 3 credits

A comparative study of Asian thought with special emphasis on philosophies originating in India and China. Logical, metaphysical, epistemological, ethical, and political problems will be used as a framework for the study. Fall 1979.

**PHILOSOPHY 203E AMERICAN PHILOSOPHY** 3 credits

A study of vital American thought in three periods: New England transcendentalism; the classical group (Pierce, James, Royce, Santayana, Dewey, Whitehead); and the contemporary movement as seen in the philosophies of Perry, Hocking, Mead, Sellars, Lovejoy, and Brightman. The course will discuss American thought in its relationship to pragmatism, process philosophy, and personalism.

**PHILOSOPHY 221E BUSINESS ETHICS** 3 credits

Business practices evaluated in the light of ethical principles. Special concern given to moral dimensions of management decision making and to the ethical problems of consumerism and government control. Spring semester 1980.

**PHILOSOPHY 222E LOVE AND HUMAN SEXUALITY** 3 credits

A philosophical exploration of human love and sexuality. Attention will be given to the connection between the philosophical approach and that of other disciplines. Works by authors such as Plato, Aristotle, Thomas Aquinas, Santayana, Ortega y Gasset, and Sartre will be read. Fall semesters.

**PHILOSOPHY 223E PERSPECTIVES ON DEATH** 3 credits

A study of various philosophical strategies for coming to terms with human death. Western and non-Western sources will be used. Philosophical view of death will be applied to the problems of aging and dying, suicide and euthanasia, mass death, the medical conquest of death, and definitions of death. The course should be of particular value for students choosing careers in the health profession.

**PHILOSOPHY 305E PHILOSOPHY OF COMMUNISM** 3 credits

A study of dialectical materialism considered as the philosophical foundation of contemporary socialism and communism. The basic writings of Marx, Engels, Lenin, and their immediate disciples will be analyzed, along with the works of the French and British socialists.

**PHILOSOPHY 323E PHILOSOPHY OF SCIENCE** 3 credits

An investigation of the relationship between philosophy and science from the standpoint of knowledge and method; philosophical problems common to the natural and social sciences. A historical survey will discuss the development of scientific method and the nature of scientific progress.

## **POLITICAL SCIENCE**

### **Robert J. Courtney, Ph.D., Chairman**

Required for Major in Political Science/Public Administration:  
15 courses

- Political Science 102E, 222E, 240E, 241E, 243E, 247E, 480E, 481E
- Economics 101E, 102E, 213E
- Accounting 101E, 102E
- Management 211E
- Personnel and Labor Relations 302E

**POLITICAL SCIENCE 101E THE SCIENCE OF GOVERNMENT 3 credits**

The course is designed to give the student an appreciation of the principles, theories, development and practical workings of the major governments. The content of the course includes a consideration of the theory and elements of the state; types of governments; the organization of governments and their principal activities. Fall semesters.

**POLITICAL SCIENCE 102E AMERICAN FEDERAL GOVERNMENT 3 credits**

This course provides a basic understanding of the organization, operation and function of the Federal Government of the United States. The principal topics considered are the constitutional basis of the Federal Government, the rights of the people, the political processes, and the organization, powers and operation of the various branches of the government. Fall semesters.

**POLITICAL SCIENCE 104E WESTERN EUROPEAN POLITICS 3 credits**

A political analysis of the constitutional principles and governmental organizations of England, France, and Germany. Spring semesters.

**POLITICAL SCIENCE 220E INTERNATIONAL RELATIONS 3 credits**

An analysis is made of the basic patterns and major factors underlying international politics; consideration is given to current international problems. Spring semester — Even years.

**POLITICAL SCIENCE 222E SURVEY OF POLITICAL THOUGHT 3 credits**

This course is an analysis of major political writers from Plato to the present. It emphasizes each author's concept of the state, its function and end, and his solution to the problem of reconciliation of the common good with individual freedom. Spring semesters.

**POLITICAL SCIENCE 230E POLITICAL GEOGRAPHY 3 credits**

This course is a survey of the geographic factors influencing the real and potential economic and political development of nations.

**POLITICAL SCIENCE 234E THE POLITICS OF THE SOVIET UNION 3 credits**

An examination of the major elements that determine the nature of Soviet policy, including the role of the Communist Party, the relationship between the party and government, the growth of dissent within the Soviet Union, and future prospects for Soviet society. Fall semester — Odd years.

**POLITICAL SCIENCE 240E AMERICAN STATE GOVERNMENT 3 credits**

A study of the state as a partner in the federal system; the states' constitutional development; and principles underlying state governmental organization, reorganization, and functions. Spring semester — Even years.

**POLITICAL SCIENCE 241E MUNICIPAL GOVERNMENT 3 credits**

A study of the organizations and functions of government at the municipal level and an analysis of trends and types of municipal governments. Spring semester — Odd years.

**POLITICAL SCIENCE 243E AMERICAN CONSTITUTIONAL LAW 3 credits**

An analysis of the development of the Constitution via the interpretations of the Supreme Court. Principal topics are the federal system, judicial review, separation of powers, powers of Congress and the President, the Commerce Clause, and political and civil rights. Fall semester — Even years.

**POLITICAL SCIENCE 247E BUREAUCRATIC POLITICS AND ADMINISTRATION 3 credits**

Analysis of bureaucracy within the national and urban context; internal characteristics and external political relationships with executives and legislatures, including unionization of bureaucratic personnel, budgetary relationships, innovation and the relationships of bureaucracy with clientele groups and the general public. Fall semester — Even years.

**POLITICAL SCIENCE 470E SPECIAL TOPICS**

3 credits

As interests indicate, special courses may be introduced discussing specialized topics of current interest.

**POLITICAL SCIENCE 480E SEMINAR I**

3 credits

A study of methods of research and scholarly writing. Directed research and reports on individual assignments. *Required of all Political Science/Public Administration majors.*

**POLITICAL SCIENCE 481E SEMINAR II**

3 credits

Supervised research and writing on major topic. Weekly presentation and group discussion of individual papers. Submission of written thesis. *Required of all Political Science/Public Administration majors.*

**PSYCHOLOGY****John Smith, Ed.D., Chairman**

Required for Major in Psychology: Track 1: 12 courses; Track 2: 13 courses

- Track 1: Psychology 101E, 102E, 210E, 211E, 319E, 320E, 4 electives in Psychology; 2 courses in Mathematics or Science (to be used in Distribution Area 2 or 5) as determined on an individual basis by the Chairman.
- Track 2: Psychology 101E, 102E, 206E, 325E, 340E, 8 electives in Psychology.

**PSYCHOLOGY 101E GENERAL PSYCHOLOGY — PART 1**

3 credits

An introduction to the facts and theories of the science of psychology. The nature of the human person and his behavior are studied, insofar as these are known from scientific observations. The nature, scope, and methods of modern scientific psychology, the biological and social foundations of behavior, motivation, and emotions constitute the subject matter. Fall and Spring semesters.

**PSYCHOLOGY 102E GENERAL PSYCHOLOGY—PART 2**

3 credits

A continuation of Part 1. For students who plan to major in psychology and for other students who desire a more intensive coverage of the principles and theories of psychology than is possible in the first course. Fall and Spring semesters.

**PSYCHOLOGY 112E PERSONNEL PSYCHOLOGY**

3 credits

The purpose of this course is to introduce students to the methods and empirical findings of personnel psychology. The course covers the use of psychological techniques practiced in the recruiting, interviewing, testing, selecting and placing of employees. The student will receive preliminary training in the use of psychological tests for measuring intelligence, aptitude, interest and personality. Fall semesters.

**PSYCHOLOGY 203E DEVELOPMENTAL PSYCHOLOGY**

3 credits

A survey of the development of children from birth through adolescence. Aspects of physical, intellectual, motor and personality development will be considered. The etiology and modification of deviant behavior in the various age groups will be discussed. Fall semesters.

**PSYCHOLOGY 206E PERSONALITY DYNAMICS AND ADJUSTMENT**

3 credits

An analysis of the human system, the dynamics of individual behavior, and a consideration of resources necessary for effective living as they are related to a better understanding of personal adjustments in healthy persons developing toward maturity. Fall and Spring semesters.

**PSYCHOLOGY 210E PSYCHOLOGICAL STATISTICS—PART 1**

3 credits

An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Fall 1979.



**PSYCHOLOGY 211E PSYCHOLOGICAL STATISTICS—PART 2**

Prerequisite, Psy. 210E

3 credits

An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Spring 1980.

**PSYCHOLOGY 222E INTERVIEWING AND COUNSELING TECHNIQUES** 3 credits

A presentation of interviewing as a tool of communication with accent on the personnel and social work areas. A study of the skills involved from the casual meeting to the intensive interrogation. A survey of counseling methods. Spring semesters.

*It is suggested that the following courses not be rostered without the prior approval of the Department Chairman.*

**PSYCHOLOGY 306E TESTS AND MEASUREMENTS**

3 credits

The selection, administration and interpretation of psychological tests used in the measurement of aptitudes, achievement, interest and personality. Spring semesters.

**PSYCHOLOGY 315E ABNORMAL PSYCHOLOGY**

3 credits

An introductory course surveying the principal forms of the major and minor mental disorders, with emphasis on the causes, symptoms, course and treatment. An analysis of the overall problem of mental illness and a study of certain borderline personality and behavioral patterns and other forms of psychological deviation. Fall and Spring semesters.

**PSYCHOLOGY 319E EXPERIMENTAL PSYCHOLOGY—PART 1**

Prerequisites, Psy. 210E and 211E

4 credits

A laboratory course designed to introduce the student to the classical psychological experiments and to train him in the methods of experimental design and research. Experiments on the sensory processes, perception, learning, memory, thought processes, and emotions. Fall 1980.

**PSYCHOLOGY 320 EXPERIMENTAL PSYCHOLOGY—PART 2**

Prerequisite, Psy. 319E.

4 credits

Lectures and discussions on modern experimental psychology. For laboratory work, the student plans, designs, and performs an original research experiment. Spring 1981.

**PSYCHOLOGY 325E READINGS IN PSYCHOLOGY**

3 credits

Readings consist of basic books and periodicals having relevance for the broad field of psychology; assignments discussed in seminar fashion at one meeting each week. Spring semesters.

**PSYCHOLOGY 330E, 331E SPECIAL TOPICS IN PSYCHOLOGY**

3-6 credits

Content will vary each semester and will cover such topics as family psychology, alcoholism and drug addiction, prejudice, mob action, and attitude change. Prerequisite varies with the topic.

**PSYCHOLOGY 340E METHODOLOGY FOR STUDIES AND RESEARCH** 3 credits

A study of the nature of scientific research methodology; emphasis on critical reading and evaluating reports of studies and research; development of skill in writing review papers; utilization of research literature in the behavioral sciences; data analysis and critiques of extant research. Fall 1979.

**PSYCHOLOGY 350E EFFECTIVE COMMUNICATION**

3 credits

A deepening understanding of, and personal growth experiences in, the art of interpersonal communication. Attention given to listening and empathy, discussion and decision making, confrontation and conflict management, attitudinal systems and Gestalt, verbal and non-verbal communication, creative goal-setting, individual and social growth. Prerequisite: permission of chairman. Fall semesters.

**PSYCHOLOGY 364E SOCIAL PSYCHOLOGY**

3 credits

A study of the facts and theories dealing with the phenomena of social behavior. Focuses on individual behavior as it affects and is affected by the behavior of others.

**PSYCHOLOGY 407E THEORIES OF LEARNING****3 credits**

An analysis of the principal theories of learning in light of recent experiments in animal and human learning.

**PSYCHOLOGY 408E THEORIES OF PERSONALITY****3 credits**

A systematic study of the principal theories of personality with particular emphasis on recent trends, research methodology, and personality measurement.

**PSYCHOLOGY 420E PHYSIOLOGICAL PSYCHOLOGY****3 credits**

An introduction to the neurological endocrinological bases of behavior. Consideration of sensory and motor processes, motivation and emotion, learning and memory. Spring 1980.

**PSYCHOLOGY 480E-481E PSYCHOLOGICAL SEMINAR****3-6 credits**

Readings, discussion, and analysis of contemporary psychological theories and research; individual student research and presentation of papers. Spring and Fall 1980.

**PUBLIC ADMINISTRATION**

Major requirements are listed under Political Science/Public Administration.

**REAL ESTATE****F.X. Nolan, LL.B., Chairman****REAL ESTATE 101E REAL ESTATE PRINCIPLES AND PRACTICES****3 credits**

This is a basic course designed to form the foundation for all other courses in real estate. It acquaints the student with types of real estate brokerage, financing, legal instruments and restrictions, office and property management, marketing techniques and current trends within the industry. Real estate mathematics to assist the student taking the state licensing examination is also included. Fall and Spring semesters.

**REAL ESTATE 201E REAL ESTATE FINANCE****3 credits**

Financing is an integral part of most real estate transactions. Investment in real estate is an increasingly large share of a financial institution's concern. Types of financing both through private institutions and under government sponsorship will be studied. The relationship between financing in real estate and in other areas of the economy will be noted and the interdependencies in the economy, the real estate industry, and the banking community exposed. Fall and Spring semesters.

**REAL ESTATE 205E REAL ESTATE SALES MANAGEMENT**

Prerequisite: Real Estate 101E or presently a Real Estate Salesman or Broker.

**3 credits**

The student is placed in the position of managing the sales force of a real estate firm. Proper sales management techniques of staffing and compensating a sales force, covering a territory, supplying listings and sales, promotion of properties are studied. Integration of broker management philosophy with office practices and sales objectives are also discussed. Fall semesters.

**REAL ESTATE 210E REAL ESTATE APPRAISAL**

Prerequisite, Real Estate 101E or presently a Real Estate Salesman or Broker

**3 credits**

This course is divided into classroom study and practical outside applications of appraisal. The appraisal process is studied in depth and practiced. Changes in economic trends, neighborhood analysis, site analysis, building costs and materials, types of depreciation and costs are explained and evaluated. Spring semesters.

**REAL ESTATE 214E REAL ESTATE INVESTMENT AND ANALYSIS****3 credits**

Real estate development is studied as an investment opportunity. Types of investment, methods of financing, liquidity, tax advantages, market analysis with feasibility studies are investigated to insure proper investment decision making. Spring semesters.



## REAL ESTATE 401E LAW OF REAL ESTATE

3 credits

Common and statute law of court process which the real estate salesman and broker encounter daily, including the legal principles, applicable to the listing contract, the agreement of sale, mortgages, deeds, leases, adverse possession, easements, licenses, proving and recording title. (Identical to Law 401E) Fall semesters.

## RELIGION

The La Salle College Evening Division in keeping with its philosophy and objectives requires each student to take two courses in religious studies as part of the general education requirements.

### GENERAL EDUCATION

The Religion Department offers the courses listed here to fulfill the general education requirement. Any 2 of these 5 courses will fulfill the requirement.

#### RELIGION 161E THE BIBLE AS RELIGIOUS LITERATURE

3 credits

A study of the Bible focusing on the religious and human experience of those who, under divine guidance, wrote it. An analysis of Jewish and Christian religious literature in general. The literary genres of the Bible. External circumstances that exerted an influence on the composition of the Bible. Directed reading in the Bible accompanied by explanation, interpretation, and discussion of principal ideas. Fall semesters.

#### RELIGION 163E HUMAN RELIGIOUS EXPERIENCE

3 credits

A study of the diverse patterns of thought and behavior that express man's religious experience. The universality of this experience, and the different ways it manifests itself in the great religious traditions, east and west, primitive and modern. The course will attempt to identify the common elements of these religious traditions as well as those elements which set one tradition off from another. Fall semesters.

#### RELIGION 165E THE RELIGIOUS VISION OF MODERN LITERATURE

3 credits

An examination of the religious presuppositions and attitudes underlying and shaping modern literature. The ways in which questions raised by modern authors relate to answers traditionally found in religious faith. Selections studied will include Dostoyevsky, Beckett, Kafka, Eliot, Camus. Spring semesters.

#### RELIGION 166E RELIGIONS OF THE EAST

3 credits

A study of the living religions of the world that lie outside the Judaeo-Christian tradition. The sacred literature, historical origin and development, basic beliefs, religious practices. The course will center around Hinduism, Buddhism, Confucianism, Taoism, and Islam. Spring semesters.

#### RELIGION 167E CATHOLICISM IN THE MODERN WORLD: PROBLEMS AND CHALLENGES

3 credits

Religious and social forces that have contributed to the shaping of present-day Catholicism. Vatican II and the theology of change. Problems raised by liturgical reform, biblical renewal, ecumenism, and the women's movement. Freedom and authority in current Church structures. The challenge to Catholic education. Contemporary movements: charismatic religion, Traditionalism. The American cultural experience and its influence on the Church today. Fall and Spring semesters.

**RELIGION**  
**James E. Biechler, Ph.D., Chairman**

**BIBLICAL STUDIES**

**RELIGION 210E OLD TESTAMENT THEMES** 3 credits

A study of the origin and development of biblical traditions and theological themes: God, man, the meaning of life, the Exodus theme, prophecy, etc. Such ideas will be studied in both their Old Testament context as well as their relation to the New Testament.

**RELIGION 212E THE PROPHETS OF ANCIENT ISRAEL** 3 credits

Prophecy and prophetic literature in the Bible. Prophecy as an institution in the Near East; its unique development in Israel. Theological message of the biblical prophets.

**RELIGION 213E THEOLOGY OF THE NEW TESTAMENT** 3 credits

A general examination of the historical background of New Testament times, with special emphasis on those factors that most contributed to the formation of New Testament literature. The literary forms found in New Testament literature, gospel, letters, apocalypse, etc. With this as background, the course will undertake an in-depth study of one of the gospels or a major epistle of St. Paul. Fall, 1979.

**THEOLOGICAL STUDIES**

**RELIGION 220E THE CHURCH: CONTEMPORARY ISSUES AND PROBLEMS** 3 credits

An inquiry into the life and structure of Christian community. The psychological and theological factors which bring men together to constitute "Church". The Church as eschatological community in relation to Christ. A study of those ideas most generally attributed to Church: unity and catholicity, organization, ministry, and mission.

**RELIGION 221E CONTEMPORARY CHRISTOLOGY** 3 credits

A survey of the post-biblical developments concerning the person and mission of Jesus, with emphasis on the contemporary attempt to reinterpret Jesus as Man and God.

**RELIGION 222E THE SACRAMENTS** 3 credits

An inquiry into the origin and development of the Christian symbols highlighting some of the problems of modern sacramental theology.

**RELIGION 223E CONTEMPORARY MORAL PROBLEMS** 3 credits

A comprehensive examination of selected moral issues of current interest: violence, war, love, freedom, situation ethics, abortion, euthanasia, human values, sin, genetic engineering, etc. Fall 1979.

**RELIGION 229E PROTESTANT THEOLOGY** 3 credits

A critical examination of the origin and principles of Reformation theology as they have been worked out in the religious movement call "Protestantism". Special attention will be given to the important personages of the Reformation who have shaped the religious thinking of the West. Students will be introduced to such notable theologians as Barth, Brunner, Bultmann, Bonhoeffer, Niebuhr, Tillich, and Cox. Fall, 1979

**HISTORICAL STUDIES**

**RELIGION 230E RELIGION IN AMERICA** 3 credits

A study of the major religious movements within the Roman Catholic Church and Protestant churches in the United States from the American Revolution to the present day. The course will investigate the theological implications for the churches of such movements as the American Revolution, the Great Awakening, the Abolitionist Movement, the Civil War, the Gospel of Wealth, the Great Depression, World War II, and the Atomic Age. (Formerly, "American Religious Thought")

**RELIGION 331E DEVELOPMENT OF CHRISTIANITY IN THE MIDDLE AGES 3 credits**

A study of religion in the Middle Ages and Renaissance periods concentrating on such popular movements as the Cathars, Waldensians, Fraticelli, Lollards, and Beguines, as well as on such phenomena as millenarism, reformation, and conciliarism. Relation of these movements and phenomena to the evolution of art, the inquisition, papacy, universities, and monasteries. The religious and ethical implications of humanism and capitalism. (Formerly, "Religious Dynamic of the Middle Ages and Renaissance") Fall, 1979.

**RELIGION 332E NINETEENTH-CENTURY RELIGIOUS THOUGHT 3 credits**

A critical examination of the great religious movements of the nineteenth century that have most contributed to the present religious situation. This course will focus on the encounter between Christian thought and nineteenth-century philosophy, history, and natural science. Special attention will be given to Newman and the Oxford Movement; Feurbach and the post-Hegelian criticism; the religious thought of Marx and Engels; Strauss and history; Darwin and the challenge of science; the advent of liberalism in Protestant and Catholic circles.

**RELIGIOUS STUDIES****RELIGION 242E CONTEMPORARY JUDAISM 3 credits**

A study of the historical origin, roots, and developments of Judaism as a religion, as well as a cultural, civil, and ethnic group. The course will evaluate Jewish social and educational values as well as religious problems and attitudes among Jews today. Fall semesters.

**RELIGION 351E CONTEMPORARY CATECHETICAL METHODS 3 credits**

A course in the theory and practice of organizing and teaching religion classes. Designed primarily but not exclusively for CCD teachers. Students receiving a B grade in this course may request from the Archdiocese of Philadelphia the Intermediate Certification for teaching religion. Fall, 1979.

**SOCIAL SCIENCE**

Associate in Arts in Social Science Requirements:

**GENERAL EDUCATION (15 semester credits)**

English 101E

English 102E

1 course in General Education Literature

1 course in General Education Philosophy

1 course in General Education Religion

**DISTRIBUTION (12 semester credits)**

Economics 101E and 102E in Area 4

2 additional courses in one area

**MAJOR (24 semester credits)**

Political Science 101E

Political Science 102E

Psychology 101E

One of the following: Psychology 203E, 206E, 364E

Either Sociology 101E or 102E

One of the following: Sociology 207E, 212E, 213E

Two upper division courses in Economics, Political Science, Psychology, or Sociology (excluding Sociology 220E, 221E 222E, 223E, 301E, 302E, 310E, 385E, 386E, 487E, and 488E)

**ELECTIVES (9 semester credits)**

3 courses of free electives

## SOCIOLOGY

Finn Hornum, M.A., Chairman

Required for Major in Sociology: 12 courses

Required for Major in Sociology-Criminal Justice: 14 courses

- General Sociology: Sociology 101E, 301E, 302E, 310E, 3 of the following: Sociology 212E, 305E, 306E, 308E, and 5 additional Sociology electives.
- Criminal Justice Concentration: Sociology 101E, 220E, 221E, 222E, 301E, 302E, 310E, 385E-386E, 487E-488E and 3 of the following: Sociology 212E, 305E, 306E, 308E.
- **Associate in Arts** in Criminal Justice: English 101E, English 102E, 1 course in General Education Literature, 1 course in General Education Philosophy, 1 course in General Education Religion; either English 205E or English 254E and either History 233E or History 237E in Area 1 of Distribution; Political Science 101E and Psychology 101E in Area 4 of Distribution; Sociology 101E, 102E, 220E, 221E, 222E, and 223E; Humanities 225E or 227E; Psychology 315E; 3 elective courses.

### SOCIOLOGY 101E INTRODUCTION TO SOCIOLOGY

3 credits

Introduction to the study of American society. Emphasis will be on sociological concepts, theories and methods for gathering data on social realities. Fall semesters.

### SOCIOLOGY 102E SOCIAL PROBLEMS

3 credits

Significant social problems of American society in the areas of crime, delinquency, race, ethnicity, mental health, population, the family and community disorganization. Spring semesters.

### SOCIOLOGY 203E INDUSTRIAL SOCIOLOGY

3 credits

Analysis of the social organization of work in modern societies, the concept of career, the development of professionalization, the nature of work-satisfaction and the impact of bureaucratization. Occupational subcultures such as law, medicine, public service, the military, and education considered.

### SOCIOLOGY 207E THE CITY AND SOCIAL CHANGE

3 credits

A study of the rate and significance of urbanization in the United States and the world with particular attention to the housing, planning, and redevelopment movements. Fall 1979.

### SOCIOLOGY 211E MARRIAGE AND FAMILY

3 credits

Study of marriage and the family as social institutions. A consideration of the historical development of the family, variations of family structure in contemporary societies, and current trends in American family patterns. Spring semesters.

### SOCIOLOGY 212E MINORITY GROUPS

3 credits

Examination of the racial and ethnic groups that compose American society. Emphasis on the processes involved in social change in intergroup relations. Spring semesters.

### SOCIOLOGY 213E CULTURAL ANTHROPOLOGY

3 credits

A cross-cultural study of the influence of culture in explaining the variations and constants in human behavior in pre-industrial and modern societies. Fall semesters.

### SOCIOLOGY 220E JUVENILE DELINQUENCY

3 credits

Case history analysis, with a view to providing a practical inquiry into causes, therapeutic measures and treatment resources. Fall semesters.



**SOCIOLOGY 221E CRIMINOLOGY**

3 credits

A study of the sociological and social psychological foundations of crime and delinquency and the processes affecting the criminal justice system. Topics considered include examinations of the criminal law, criminal statistics, theories of crime causation and criminal behavior systems. Fall semesters.

**SOCIOLOGY 222E PENOLOGY**

3 credits

An overview of the past, present and current functioning of the criminal justice system in the United States. Law enforcement, judicial administration and corrections are examined within a general sociological framework and critical issues pertaining to the criminal justice system are discussed. Spring semesters.

**SOCIOLOGY 223E CRIMINAL LAW\***

3 credits

A study of the history and development of Anglo-American criminal law and an examination of contemporary constitutional issues and the Pennsylvania Penal Code.

**SOCIOLOGY 301E-302E STATISTICS AND RESEARCH METHODS**

3 to 6 credits

An introduction to statistical and research methods in sociology. Must be taken sequentially. Fall and Spring semesters.

**SOCIOLOGY 305E SOCIETY AND THE INDIVIDUAL**

3 credits

The study of the influence of society and culture, as mediated by the social group, on the social, cultural, and personal behavior of the individual. Fall 1979.

**SOCIOLOGY 306E COMPLEX ORGANIZATIONS**

3 credits

The study of bureaucracies and the process of bureaucratization. Following an introduction to classical and modern organizational theory, emphasis will be placed on both internal bureaucratic dynamics and external relationships complex organizations must negotiate with their environments. The distinction between formal (official) and informal (unofficial) organizational relations will be accentuated throughout the course. Spring 1980.

**SOCIOLOGY 308E SOCIAL STRATIFICATION**

3 credits

An analysis of social class, status, power and privilege with emphasis on the United States. The theories of Karl Marx, Max Weber, and Kingsley Davis-Wilbert Moore evaluated and applied to contemporary America. Efforts to create egalitarian societies in selected post-capitalistic countries also examined. Prerequisites: Sociology 101E or 102E or permission of the instructor.

**SOCIOLOGY 310E SOCIOLOGICAL THEORY**

3 credits

A survey of the development of social thought from August Comte to contemporary theorists. An attempt to see the evolution of social theory within the social context of the theorist's milieu. Spring semesters.

**SOCIOLOGY 323E CRIMINAL PROCEDURE**

3 credits

This course will offer a broad spectrum view of the development of modern criminal procedure with emphasis on Constitutional Law. It is designed to address and understand the sociological upheaval and resultant societal changes effected by the recent pronouncements of the Courts, and to acquaint the student with a variety of constitutional problems that can arise in criminal cases. Designed to interface with Sociology 223E "Criminal Law."

**SOCIOLOGY 385E-386E SEMINAR IN CRIMINAL JUSTICE****ADMINISTRATION**

3-6 credits

The theory and practice of law enforcement, judicial and correctional agencies are critically examined through class discussions, individual and group projects, visits to criminal justice agencies and participation by guest lecturers. Must be taken sequentially.

**SOCIOLOGY 415E, 416E CRIMINAL JUSTICE COUNSELING\***

3-6 credits

This two semester course has the purpose of acquainting the student with the principles and practices of individual and group counseling techniques in the criminal justice field. Group dynamics and counseling approaches will be presented



through class lectures, discussions and participation in the group experience. Special emphasis is placed on the applicability of techniques and principles to the offender population. Fall 1979 and Spring 1980.

**SOCIOLOGY 487E-488E SEMINAR IN CRIMINAL JUSTICE RESEARCH AND PRACTICE\*\***

3-6 credits

Designed to provide the criminal justice practitioner with an opportunity to examine the functioning of the criminal justice system through field research and seminar sessions in theory. Emphasis will be given to problems of administration, clinical practice, research and planning. Prerequisites: Sociology 221E or 222E or permission of the instructor. (Formerly Sociology 485E-486E) Fall 1979 and Spring 1980.

\*Students who have completed a police academy training or its equivalent, subject to the approval of the Sociology Department, and who have not already taken this course may apply for three elective credits for this course.

\*\*Students majoring in Sociology-Criminal Justice, who have completed a police academy training or its equivalent, subject to the approval of the Sociology Department, and who have not already taken this course, may apply for three credits upon successful completion of one semester of this course.

**CREDIT FOR POLICE ACADEMY TRAINING**

Any student admitted to La Salle College as of January 1, 1976 or later, is eligible to apply for six credits toward his/her degree if he/she has been certified as having completed a police academy training or its equivalent, subject to the approval of the Sociology Department. Three elective credits may be granted as equivalent to Sociology 223E Criminal Law and three elective credits may be granted as equivalent to one semester of Sociology 415E, 416E Criminal Justice Counseling.

Any student majoring in Sociology-Criminal Justice may also apply for three credits toward fulfillment of the Sociology 487E-488E Seminar in Criminal Justice Research and Practice provided he/she has completed the training mentioned above and has successfully completed the other half of the Sociology 487E-488E course.

# Student Affairs

## OBJECTIVES OF THE STUDENT PERSONNEL PROGRAM

La Salle College, in keeping with its aims and objectives, recognizes that the completeness of higher education demands that the student be provided with the opportunities to develop spiritually, morally, intellectually, emotionally, and socially. Therefore, the Student Personnel Program in the Evening Division of La Salle College offers the following:

1. Counseling Services to assist in solving the various problems which beset a college student.
2. A service to help the student find suitable employment according to his needs and the opportunities which are available.
3. A program of spiritual activities and spiritual counseling.
4. A student activities program which includes student government, student publications, and extra curricular organizations.
5. An Alumni Program to continue the mutual interest which the graduates and the College should have in common.

## ACADEMIC COUNSELING

Although academic counseling is centered in the Dean's office and is directed by the Dean and his assistants, supplementary counseling is offered in particular curricula. Thus, the following instructors are official members for their subject area, and interviews may be arranged by appointment with these instructors:

Accounting	Mr. Joseph Markmann
Chemistry	Dr. Robert Preston
Computer Science	Mr. Daniel Callahan
Sec. Education	Dr. Gary K. Clabaugh
English	Dr. John Seydow
Finance	Mr. Robert Macaulay
History	Dr. Minna F. Weinstein
Humanities	Dr. Michael Dillon
Management	Mr. William B. Fynes
Marketing	Mr. George Swoyer
Mathematics	Mr. Edward Nolan
Physics (Electronic)	Dr. Gerard A. Alphonse
Philosophy	Dr. Michael Kerlin
Political Science	Dr. Robert Courtney
Psychology	Dr. John Smith
Religion	Dr. James Biechler
Sociology and Criminal Justice	Mr. Finn Hornum

Every Academic year all students are invited to take advantage of the above services. All students reaching 15 credits or more are invited by letter to have counseling.

## CAREER PLANNING AND PLACEMENT BUREAU

The Career Planning and Placement Bureau, located on the second floor of Benilde Hall, is open to the Evening Division students from 6:00 to 7:30 P.M. from Monday through Thursday evenings. This bureau assists the students and the alumni in their career planning and employment activities. (951-1075)

The bureau's services include the following areas:

1. Career Counseling gives the student the opportunity to formulate or discuss his or her vocational plans on a one-to-one basis with a career counselor.
2. The Career Library contains vocational information about potential employers, various career fields and graduate and professional schools.
3. Employment Placement is a function open to all La Salle students and graduates.

## RELIGIOUS ACTIVITIES

The Chapel of La Salle College provides a convenient center both for personal meditation and for group worship. Its facilities are available to the student body at all times. Holy Mass is regularly offered for Evening

Division students in the Student Chapel. The days and times of these Masses are announced in the Evening Bulletin. In addition, graduation ceremonies regularly open with the Baccalaureate Mass to which graduating seniors, their family and friends are invited.

The Evening Division Chaplain is available according to a posted schedule of service to provide spiritual counseling or confessions for Evening Division students.

## **STUDENT ORGANIZATIONS AND ACTIVITIES**

Although evening students must devote the major portion of their time to studies, it is hoped that they will participate, to some extent, in student government and in the co-curricular and extracurricular activities which are open to them.

### **Accounting Association**

This is an organization of students who are majoring in Accounting and who are interested in broadening their knowledge of accounting practices and their relation with business practices in general. The Association brings the members into frequent contact with outstanding men in the field.

### **Alpha Sigma Lambda**

Alpha Sigma Lambda, a national evening college fraternity for honor students, was inaugurated at La Salle College in December, 1966. The La Salle College Evening Division Chapter, Alpha Delta, is open by invitation to men and women who have completed thirty semester credits in the La Salle Evening Division and who have an academic index of 3.4. With the objective of recognizing and encouraging scholarship, this fraternity meets twice each year and includes distinguished scholars among its guest speakers.

### **The Black Students of La Salle**

The Black Students of La Salle, Evening Division, was formed in recognition of the needs for identification, unity and mutual support in the pursuit of our educational goals. The chief purposes of the organization are (1) To develop unity among the Black students of La Salle, (2) To create programs that give Black students exposure and involvement within the college, (3) To recruit members who will share equally in the responsibilities and achievements of the organization, (4) To establish better communication between Black Evening Division students, and (5) To develop programs which will aid the academic advancement of Black students.

### **Cross Keys Fraternity**

Cross Keys is a student service fraternity. Membership consists of faculty, students, and alumni who have served the interests of the student body and of the College with distinction. The chief purposes of the fraternity are (1) to foster an ambition for intellectual attainment and a desire to serve La Salle College Evening Division and its students; and (2) to study the problems of students in order that student life might be enriched, and to promote and stimulate progress and the best interests of La Salle College.

### **The Marketing Association**

The twofold purpose of the club is to foster an interest in the field of marketing and to promote through discussion the application of ethical principles in the field of marketing.

### **The Presidents' Council**

The Presidents' Council is made up of the presidents of all Evening Division organizations and the Evening Division representative to College Council. Its purpose is to give guidance to all organizations and the Student Congress.

### **The Society for the Advancement of Management**

This is a student chapter of a national society of professional men interested in management principles. It aims to enhance the application of scientific management principles in industry and to foster the development of future management talent.

### **The Student Branch of the Institute of Electrical and Electronic Engineers**

The Institute of Electrical and Electronic Engineers is a national professional organization. Its aims include the advancement of the theory and practice of radio and allied engineering and of the related arts and sciences. Students registered in the Electronic Physics curriculum as degree candidates are eligible for membership in the student branch of IEEE.

### **The Student Congress**

The Student Congress of La Salle Evening Division acts as the official representative of the student body in its relations with the administration and faculty of the College in matters related to extracurricular activities and student welfare.

The Student Congress consists of the elected representatives of the various course sections, who vote on all matters brought before the Congress.

In general, its purpose is to cultivate, promote and manage all social and other affairs conducted for the benefit of the entire student body; to promote the general welfare of the students; and to act as an advisory body between the students and the administration.

## **STUDENT PUBLICATIONS**

### **La Salle Collegian**

The *Evening Collegian*, the student newspaper, serves as a vehicle for disseminating views and news of interest to the entire student body. The *Evening Collegian* is devoted exclusively to the activities of the Evening Division students.

### **The Explorer**

The *Explorer* is the yearbook published for the members of each graduating class. The book serves as a record of college life and activities.



## **INTERCOLLEGIATE AND INTRAMURAL ATHLETICS**

Although students of the Evening Division are not permitted to compete in the various intercollegiate sports, they are encouraged to support these activities by attendance at contests. They are accorded all the privileges of admission granted the students of the Day Session.

Within the limitations of available time, the students of the Evening Division may compete in intramural athletics.

## **THE COLLEGE CAFETERIA**

A student cafeteria is operated in the College Union Building for the convenience of the students of the Evening Division. Students will be served from 5 to 7 o'clock on Monday through Thursday evenings.

The Snack Bar — an annex to the cafeteria — is open on class evenings until 11:00 P.M. for the convenience of Evening Division students.

## **THE CAMPUS STORE**

The College maintains a Campus Store where books, supplies and other items of special interest to college students may be purchased. The Store, located in the College Union Building, is open from 9:00 A.M. until 7:30 P.M. on Monday through Thursday.

## **THE LIBRARY**

The David Leo Lawrence Memorial Library houses a collection of over 235,000 volumes and subscribes to more than 1,000 periodicals, journals and information services. About 12,000 new volumes are added each year to keep the collection up-to-date and adapted to the needs of the student.

An open stack system encourages browsing and a liberal loan policy is assigned to encourage maximum use of library materials. The Library and the Library Annex are open more than 80 hours a week. Competent readers' advisors are available in the Reference Department to assist students in their research.

When classes are in session the Main Library is open Monday through Thursday Evenings until 11:00 P.M., Friday Evening until 5:00 P.M., Saturday until 4 P.M., and Sunday from 12 Noon to 6:00 P.M. The Library Annex is open until Midnight on Monday, Tuesday, Wednesday, Thursday and Sunday.

## **THE ALUMNI ASSOCIATION**

The Alumni Association seeks to promote the welfare of La Salle College and to encourage good fellowship among alumni. To achieve these ends, the Association works principally through the College Alumni Office and class organization.

The Alumni Association is controlled and directed by the alumni in co-operation with the College administration. The governing board is called the Alumni Board of Directors. It consists of representatives from each graduating class and a Director of the Association appointed by the College.

Alumni are encouraged to take an active part in promoting the attendance of worthy and talented students; to take an intelligent interest in the academic affairs of the College; to support the College financially to the best of their ability; and to foster the growth of the College. Alumni are also encouraged to assist the Placement Bureau by calling to its attention job opportunities for La Salle students.

# Administration

Brother Patrick Ellis, F.S.C., Ph.D. ....	President
Brother Emery Mollenhauer, F.S.C., Ph.D. ....	Provost
Thomas N. McCarthy, Ph.D. ....	Vice President, Student Affairs
David Fleming, M.B.A. ....	Vice President, Business Affairs
John L. McCloskey, M.B.A. ....	Vice President, Public Affairs
Brother G. Claude Demitras, F.S.C., Ph.D. ....	Dean of the Evening Division and Summer Sessions
Shirley-Ann Eriksson, M.A. ....	Assistant to the Dean
Raymond A. Ricci, M.Ed. ....	Registrar
John J. King, B.A. ....	Director of Admission, Evening Division and Summer Sessions
Brother Joseph Bender, F.S.C., Ph.D. ....	Counselor
Raymond P. Heath, Ph.D. ....	Dean of Students
Christe Lawrence, M.A. ....	Director, Continuing Education for Women
Brother Thomas Warner, F.S.C., B.S. in L.S. ....	Director of the Library
David E. Christiansen, B.S. ....	Director of Financial Services
E. Kaye D'Angelo, B.A. ....	Director of Financial Aid
Kathleen E. Schrader, B.S. ....	Director of Student Life
Linda Hofer, B.S. ....	Director of Food Services
Jane Bransfield ....	Manager of Campus Store

# COLLEGE COUNCIL

Brother Ellis, *Chairman*; Brother Mollenhauer, Dr. McCarthy, Mr. Fleming, Mr. McCloskey, Brother Muldoon, Dr. MacLeod, Brother Claude. *Three Faculty Representatives; Three Student Representatives*; Two Day Division students; one Evening Division student. *Secretary*: Mrs. Schulhoff.

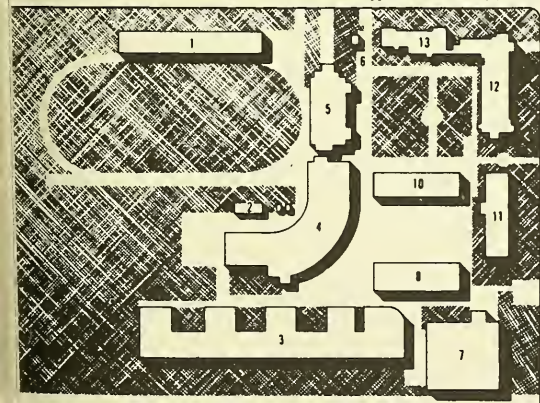
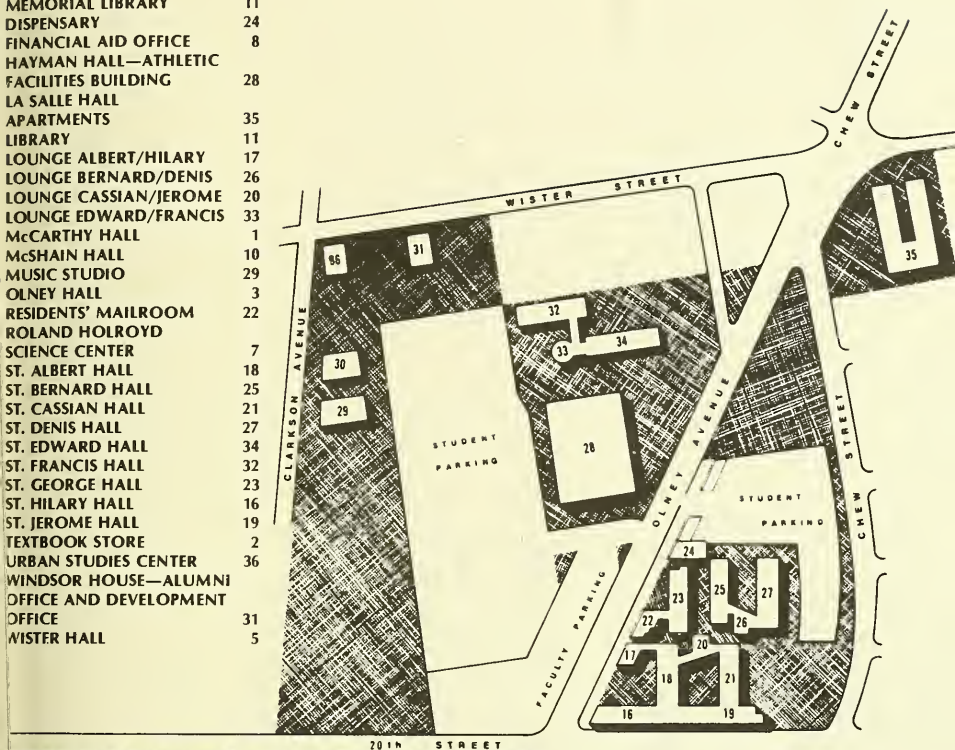
## Admission Committee

Mr. John J. King, *Chairman*; Brother Claude Demitras, Miss Shirley-Ann Eriksson.

## Academic Affairs Committee

Brother Claude Demitras, *Chairman*; Dr. Gerard Alphonse, Ms. Shirley-Ann Eriksson (non-voting; secretary), Mr. William Fynes, Mr. Finn Hornum, Mr. Charles V. Kelly, Mr. Edward Nolan, Mr. George Swoyer. One student appointed by each of the above faculty.

ADMISSIONS OFFICE	15
ART GALLERY	29
ART STUDIO	30
BENILDE HALL	8
CAMPUS SECURITY OFFICE	6
CHRISTION BROTHER'S RESIDENCE	13
COLLEGE HALL	12
COLLEGE UNION	4
DAVID LAWRENCE MEMORIAL LIBRARY	11
DISPENSARY	24
FINANCIAL AID OFFICE	8
HAYMAN HALL—ATHLETIC FACILITIES BUILDING	28
LA SALLE HALL	
APARTMENTS	35
LIBRARY	11
LOUNGE ALBERT/HILARY	17
LOUNGE BERNARD/DENIS	26
LOUNGE CASSIAN/JEROME	20
LOUNGE EDWARD/FRANCIS	33
McCARTHY HALL	1
McSHAIN HALL	10
MUSIC STUDIO	29
OLNEY HALL	3
RESIDENTS' MAILROOM	22
ROLAND HOLROYD SCIENCE CENTER	7
ST. ALBERT HALL	18
ST. BERNARD HALL	25
ST. CASSIAN HALL	21
ST. DENIS HALL	27
ST. EDWARD HALL	34
ST. FRANCIS HALL	32
ST. GEORGE HALL	23
ST. HILARY HALL	16
ST. JEROME HALL	19
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WINDSOR HOUSE—ALUMNI OFFICE AND DEVELOPMENT OFFICE	31
WISTER HALL	5



**CAMPUS  
MAP**

**La Salle  
College**

SECOND CLASS POSTAGE PAID  
AT PHILADELPHIA, PENNA.

# **La Salle COLLEGE**

**BULLETIN (USPS 299-980)**

**EVENING DIVISION  
LA SALLE COLLEGE  
PHILADELPHIA, PA. 19141**